

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 08

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
00-0000	Total, All Occupations	117,620	125,360	7,740	7%	28,660	39,330	\$31,923	NA
11-0000	Management Occupations	4,570	5,020	450	10%	850	1,330	\$67,308	NA
11-1000	Top Executives	1,540	1,680	140	9%	290	420	NA	NA
11-1011	Chief Executives	220	240	20	9%	40	60	\$100,414	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	1,240	1,360	120	10%	230	350	\$82,066	Work experience plus bachelor's or higher degree
11-1031	Legislators	80	90	10	13%	10	20	\$18,921	NA
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	300	340	40	13%	50	90	NA	NA
11-2011	Advertising and Promotions Managers	30	30	0	0%	10	10	\$47,745	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	90	110	20	22%	20	30	\$63,634	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	100	110	10	10%	20	30	\$81,300	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	80	90	10	13%	10	20	NA	Work experience plus bachelor's or higher degree
11-3000	Operations Specialties Managers	790	900	110	14%	140	250	NA	NA
11-3011	Administrative Services Managers	50	60	10	20%	10	20	\$59,331	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	210	260	50	24%	40	90	\$67,604	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	170	180	10	6%	20	40	\$81,023	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	130	140	10	8%	20	40	NA	NA
11-3051	Industrial Production Managers	120	130	10	8%	20	30	\$64,897	Bachelor's degree
11-3061	Purchasing Managers	60	50	-10	-17%	10	10	\$66,930	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	60	70	10	17%	10	20	\$65,861	Work experience in a related occupation
11-9000	Other Management Occupations	1,940	2,110	170	9%	370	570	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	50	50	0	0%	10	10	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	230	250	20	9%	40	60	\$67,332	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	30	40	10	33%	10	10	\$43,471	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	170	190	20	12%	40	60	\$72,257	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	110	140	30	27%	30	50	NA	Work experience plus bachelor's or higher degree
11-9039	Education Administrators, All Other	20	30	10	50%	10	10	\$53,540	NA
11-9041	Engineering Managers	100	120	20	20%	20	40	\$73,084	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	500	480	-20	-4%	80	80	\$29,710	Work experience in a related occupation
11-9061	Funeral Directors	20	20	0	0%	10	10	\$82,307	Associate degree
11-9081	Lodging Managers	50	50	0	0%	10	10	NA	Work experience in a related occupation
11-9111	Medical and Health Services Managers	230	310	80	35%	50	120	\$56,554	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	40	40	0	0%	10	10	\$57,238	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	50	50	0	0%	10	10	\$49,005	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	110	120	10	9%	20	30	\$41,590	Bachelor's degree
11-9151	Social and Community Service Managers	90	100	10	11%	20	30	\$41,688	Bachelor's degree
11-9199	Managers, All Other	120	120	0	0%	20	20	\$68,688	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	3,080	3,500	420	14%	570	1,020	\$48,065	NA
13-1000	Business Operations Specialists	1,930	2,210	280	15%	370	660	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	NA	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	180	160	-20	-11%	50	50	\$36,708	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	260	280	20	8%	60	80	\$49,891	Bachelor's degree

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
13-1031	Claims Adjusters, Examiners, and Investigators	30	30	0	0%	0	10	NA	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, a	70	80	10	14%	20	30	\$46,244	Long-term on-the-job training
13-1051	Cost Estimators	170	190	20	12%	40	60	\$47,383	Bachelor's degree
13-1061	Emergency Management Specialists	20	30	10	50%	10	10	NA	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	110	150	40	36%	20	50	\$38,034	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	60	70	10	17%	10	20	\$39,768	Bachelor's degree
13-1073	Training and Development Specialists	60	70	10	17%	10	30	\$38,967	Bachelor's degree
13-1111	Management Analysts	310	370	60	19%	40	100	\$65,715	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	30	30	0	0%	10	10	\$33,048	Bachelor's degree
13-1199	Business Operations Specialists, All Other	600	720	120	20%	100	220	\$55,892	Bachelor's degree
13-2000	Financial Specialists	1,140	1,290	150	13%	200	350	NA	NA
13-2011	Accountants and Auditors	530	580	50	9%	100	150	\$49,623	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	90	110	20	22%	20	40	\$28,488	Postsecondary vocational training
13-2031	Budget Analysts	40	40	0	0%	10	10	\$58,127	Bachelor's degree
13-2041	Credit Analysts	20	20	0	0%	0	0	\$44,411	Bachelor's degree
13-2051	Financial Analysts	50	50	0	0%	10	10	\$44,379	Bachelor's degree
13-2052	Personal Financial Advisors	50	60	10	20%	10	20	NA	Bachelor's degree
13-2071	Loan Counselors	20	20	0	0%	0	0	\$41,575	Bachelor's degree
13-2072	Loan Officers	160	180	20	13%	30	50	\$50,218	Bachelor's degree
13-2082	Tax Preparers	100	130	30	30%	20	40	\$15,187	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	70	80	10	14%	10	20	\$55,516	Bachelor's degree
15-0000	Computer and Mathematical Occupations	1,540	1,900	360	23%	230	580	\$49,860	NA
15-1000	Computer Specialists	1,480	1,840	360	24%	210	570	NA	NA
15-1011	Computer and Information Scientists, Research	40	50	10	25%	10	10	\$92,877	Doctoral degree
15-1021	Computer Programmers	370	380	10	3%	90	100	\$48,476	Bachelor's degree
15-1031	Computer Software Engineers, Applications	60	90	30	50%	10	40	\$66,493	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	60	90	30	50%	10	30	\$57,210	Bachelor's degree
15-1041	Computer Support Specialists	200	240	40	20%	30	60	\$36,163	Associate degree
15-1051	Computer Systems Analysts	420	540	120	29%	50	170	\$53,926	Bachelor's degree
15-1061	Database Administrators	40	60	20	50%	0	20	\$44,187	Bachelor's degree
15-1071	Network and Computer Systems Administrators	130	170	40	31%	10	50	\$48,588	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	40	80	40	100%	10	40	\$49,691	Bachelor's degree
15-1099	Computer Specialists, All Other	110	160	50	45%	10	60	\$35,959	Postsecondary vocational training
15-2000	Mathematical Scientists	60	60	0	0%	20	20	NA	NA
15-2021	Mathematicians	20	20	0	0%	10	10	NA	NA
15-2031	Operations Research Analysts	30	20	-10	-33%	10	10	\$66,968	Master's degree
15-2041	Statisticians	20	20	0	0%	0	0	\$55,799	Master's degree
17-0000	Architecture and Engineering Occupations	3,150	3,520	370	12%	710	1,080	\$60,372	NA
17-1000	Architects, Surveyors, and Cartographers	120	170	50	42%	30	80	NA	NA
17-1011	Architects, Except Landscape and Naval	40	60	20	50%	10	30	\$57,495	Bachelor's degree
17-1022	Surveyors	60	80	20	33%	20	40	\$31,141	Bachelor's degree
17-2000	Engineers	1,700	1,880	180	11%	370	550	NA	NA
17-2031	Biomedical Engineers	40	50	10	25%	10	20	NA	Bachelor's degree
17-2041	Chemical Engineers	40	40	0	0%	10	10	\$73,317	Bachelor's degree
17-2051	Civil Engineers	70	80	10	14%	10	30	\$56,802	Bachelor's degree
17-2061	Computer Hardware Engineers	50	60	10	20%	10	20	\$55,358	Bachelor's degree
17-2071	Electrical Engineers	80	80	0	0%	20	20	\$58,669	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	710	790	80	11%	140	220	\$73,185	Bachelor's degree
17-2112	Industrial Engineers	210	220	10	5%	50	60	\$65,540	Bachelor's degree
17-2141	Mechanical Engineers	360	380	20	6%	100	120	\$72,288	Bachelor's degree
17-2199	Engineers, All Other	120	130	10	8%	20	30	\$50,626	Bachelor's degree
17-3000	Drafters, Engineering, and Mapping Technicians	1,330	1,480	150	11%	300	450	NA	NA

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17-3011	Architectural and Civil Drafters	80	100	20	25%	20	50	\$36,183	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	30	30	0	0%	10	10	NA	Postsecondary vocational training
17-3013	Mechanical Drafters	50	50	0	0%	10	10	\$38,446	Postsecondary vocational training
17-3023	Electrical and Electronic Engineering Technicians	740	810	70	9%	150	230	\$53,167	Associate degree
17-3024	Electro-Mechanical Technicians	20	30	10	50%	10	10	NA	Associate degree
17-3026	Industrial Engineering Technicians	40	40	0	0%	10	10	\$51,135	Associate degree
17-3027	Mechanical Engineering Technicians	20	20	0	0%	0	10	NA	Associate degree
17-3031	Surveying and Mapping Technicians	30	40	10	33%	10	30	\$25,465	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	320	330	10	3%	80	100	NA	NA
19-0000	Life, Physical, and Social Science Occupations	660	760	100	15%	170	280	\$53,820	NA
19-1000	Life Scientists	160	170	10	6%	40	60	NA	NA
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	0	NA	NA
19-1022	Microbiologists	40	50	10	25%	10	20	\$45,988	Doctoral degree
19-1031	Conservation Scientists	60	60	0	0%	20	20	\$46,622	Bachelor's degree
19-1032	Foresters	20	20	0	0%	0	10	\$52,801	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	20	20	0	0%	0	10	NA	Doctoral degree
19-2000	Physical Scientists	130	150	20	15%	40	60	NA	NA
19-2012	Physicists	30	30	0	0%	10	10	\$73,840	Doctoral degree
19-2031	Chemists	60	70	10	17%	20	30	\$67,541	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	40	50	10	25%	10	20	\$61,810	Bachelor's degree
19-3000	Social Scientists and Related Workers	280	320	40	14%	70	120	NA	NA
19-3021	Market Research Analysts	160	200	40	25%	40	80	NA	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	70	80	10	14%	10	20	\$54,355	Master's degree
19-3041	Sociologists	20	20	0	0%	10	10	NA	NA
19-4000	Life, Physical, and Social Science Technicians	100	110	10	10%	20	40	NA	NA
19-4021	Biological Technicians	20	20	0	0%	0	10	\$33,732	Associate degree
19-4031	Chemical Technicians	30	30	0	0%	10	10	NA	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	20	30	10	50%	10	10	\$37,485	Associate degree
21-0000	Community and Social Services Occupations	1,590	1,880	290	18%	310	600	\$32,114	NA
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	1,430	1,720	290	20%	280	570	NA	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	150	180	30	20%	40	60	NA	Master's degree
21-1012	Educational, Vocational, and School Counselors	360	390	30	8%	80	120	NA	Master's degree
21-1013	Marriage and Family Therapists	20	20	0	0%	10	10	NA	Master's degree
21-1014	Mental Health Counselors	20	20	0	0%	0	10	\$33,299	Master's degree
21-1015	Rehabilitation Counselors	80	110	30	38%	20	50	\$20,936	Master's degree
21-1021	Child, Family, and School Social Workers	380	410	30	8%	60	100	\$29,418	Bachelor's degree
21-1022	Medical and Public Health Social Workers	80	100	20	25%	10	30	\$36,258	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	30	50	20	67%	10	30	\$35,216	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	60	70	10	17%	10	20	\$30,521	Bachelor's degree
21-1093	Social and Human Service Assistants	250	350	100	40%	40	150	\$25,422	Moderate-term on-the-job training
21-2000	Religious Workers	20	20	0	0%	0	10	NA	NA
21-2011	Clergy	20	20	0	0%	0	10	\$34,411	Master's degree
21-9000	Miscellaneous Counselors, Social, & Religious Workers	140	140	0	0%	30	30	NA	NA
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	140	140	0	0%	30	30	NA	NA
23-0000	Legal Occupations	440	510	70	16%	50	120	\$43,727	NA
23-1000	Lawyers, Judges, and Related Workers	210	250	40	19%	30	70	NA	NA
23-1011	Lawyers	170	210	40	24%	20	60	\$67,835	First professional degree
23-1023	Judges, Magistrate Judges, and Magistrates	30	30	0	0%	0	10	\$42,502	Work experience plus bachelor's or higher degree

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23-2000	Legal Support Workers	230	250	20	9%	20	50	NA NA	
23-2011	Paralegals and Legal Assistants	80	100	20	25%	10	30	\$31,055	Associate degree
23-2091	Court Reporters	30	30	0	0%	0	10	NA	Postsecondary vocational training
23-2093	Title Examiners, Abstractors, and Searchers	120	120	0	0%	10	20	NA	Moderate-term on-the-job training
25-0000	Education, Training, and Library Occupations	10,840	13,100	2,260	21%	2,160	4,420	\$42,187	NA
25-1000	Postsecondary Teachers	3,770	4,860	1,090	29%	850	1,940	NA NA	
25-1011	Business Teachers, Postsecondary	230	310	80	35%	50	130	NA	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	30	30	0	0%	10	10	NA	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	70	90	20	29%	20	30	NA	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	80	100	20	25%	20	40	NA	Doctoral degree
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	40	50	10	25%	10	20	NA	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	40	50	10	25%	10	20	NA	Doctoral degree
25-1054	Physics Teachers, Postsecondary	40	50	10	25%	10	20	NA	Doctoral degree
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	110	150	40	36%	30	60	NA	Doctoral degree
25-1063	Economics Teachers, Postsecondary	20	30	10	50%	10	10	NA	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	20	30	10	50%	10	10	NA	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	50	70	20	40%	10	30	NA	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	30	40	10	33%	10	20	NA	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	70	90	20	29%	20	40	NA	Doctoral degree
25-1081	Education Teachers, Postsecondary	160	210	50	31%	40	90	NA	Doctoral degree
25-1082	Library Science Teachers, Postsecondary	20	20	0	0%	0	10	NA	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	10	50%	10	10	NA	Doctoral degree
25-1112	Law Teachers, Postsecondary	50	70	20	40%	10	30	NA	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	80	100	20	25%	20	40	NA	Doctoral degree
25-1122	Communications Teachers, Postsecondary	90	120	30	33%	20	50	NA	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	90	110	20	22%	20	50	NA	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	100	130	30	30%	20	50	NA	Doctoral degree
25-1125	History Teachers, Postsecondary	50	60	10	20%	10	30	NA	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	30	40	10	33%	10	20	NA	Doctoral degree
25-1191	Graduate Teaching Assistants	1,830	2,330	500	27%	410	910	NA	Bachelor's degree
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	60	80	20	33%	10	30	NA	Master's degree
25-1199	Postsecondary Teachers, All Other	340	440	100	29%	80	170	NA	Doctoral degree
25-2000	Primary, Secondary, and Special Education School Teachers	2,980	3,290	310	10%	690	1,000	NA NA	
25-2011	Preschool Teachers, Except Special Education	270	310	40	15%	30	80	\$18,585	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	100	120	20	20%	10	30	\$45,882	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	740	790	50	7%	160	220	\$43,938	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	510	520	10	2%	110	120	\$46,103	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	960	1,070	110	11%	270	380	\$45,814	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	110	110	0	0%	30	30	NA	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	130	160	30	23%	30	60	\$41,780	Bachelor's degree
25-2042	Special Education Teachers, Middle School	50	60	10	20%	10	20	\$43,320	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	110	140	30	27%	30	50	\$42,860	Bachelor's degree
25-3000	Other Teachers and Instructors	2,800	3,500	700	25%	350	1,050	NA NA	
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	30	30	0	0%	0	10	\$24,167	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	400	430	30	8%	50	80	\$22,129	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	2,380	3,040	660	28%	290	960	NA NA	
25-4000	Librarians, Curators, and Archivists	340	370	30	9%	100	130	NA NA	
25-4021	Librarians	190	200	10	5%	50	50	\$49,207	Master's degree
25-4031	Library Technicians	140	170	30	21%	50	80	NA	Short-term on-the-job training
25-9000	Other Education, Training, and Library Occupations	940	1,070	130	14%	180	310	NA NA	
25-9031	Instructional Coordinators	70	80	10	14%	10	20	\$51,665	Master's degree
25-9041	Teacher Assistants	860	970	110	13%	170	280	\$18,089	Short-term on-the-job training
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	1,750	1,840	90	5%	370	520	\$34,839	NA

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
27-1000	<i>Art and Design Workers</i>	540	550	10	2%	90	110	NA NA	
27-1011	Art Directors	50	50	0	0%	10	10	NA	Work experience plus bachelor's or higher degree
27-1014	Multi-Media Artists and Animators	20	20	0	0%	10	10	\$43,216	Bachelor's degree
27-1021	Commercial and Industrial Designers	50	60	10	20%	10	10	\$49,222	Bachelor's degree
27-1023	Floral Designers	90	80	-10	-11%	10	10	\$20,325	Moderate-term on-the-job training
27-1024	Graphic Designers	170	190	20	12%	20	40	\$37,202	Bachelor's degree
27-1025	Interior Designers	30	30	0	0%	0	0	\$41,941	Bachelor's degree
27-1099	Art and Design Workers, All Other (OES Only)	100	100	0	0%	20	20	NA NA	
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	380	410	30	8%	110	140	NA NA	
27-2012	Producers and Directors	20	20	0	0%	0	0	\$34,724	Work experience plus bachelor's or higher degree
27-2022	Coaches and Scouts	120	140	20	17%	20	40	\$40,734	Long-term on-the-job training
27-2031	Dancers	20	20	0	0%	10	10	NA	Long-term on-the-job training
27-2032	Choreographers	60	60	0	0%	30	40	NA	Work experience in a related occupation
27-2042	Musicians and Singers	150	160	10	7%	30	40	NA	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	680	720	40	6%	140	220	NA NA	
27-3010	Announcers	90	80	-10	-11%	20	20	NA NA	
27-3020	News Analysts, Reporters and Correspondents	160	180	20	13%	40	60	NA NA	
27-3031	Public Relations Specialists	110	140	30	27%	20	50	\$36,693	Bachelor's degree
27-3041	Editors	190	220	30	16%	50	70	\$38,105	Bachelor's degree
27-3042	Technical Writers	20	20	0	0%	0	0	\$46,051	Bachelor's degree
27-3043	Writers and Authors	70	70	0	0%	10	20	\$42,482	Bachelor's degree
27-3099	Media and Communication Workers, All Other	50	30	-20	-40%	10	10	NA	Long-term on-the-job training
27-4000	<i>Media and Communication Equipment Workers</i>	150	160	10	7%	30	50	NA NA	
27-4011	Audio and Video Equipment Technicians	20	30	10	50%	10	10	NA	Long-term on-the-job training
27-4012	Broadcast Technicians	20	20	0	0%	10	10	NA	Postsecondary vocational training
27-4021	Photographers	80	90	10	13%	20	20	\$25,380	Long-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	5,020	6,470	1,450	29%	960	2,400	\$45,240 NA	
29-1000	<i>Health Diagnosing and Treating Practitioners</i>	2,720	3,640	920	34%	550	1,470	NA NA	
29-1011	Chiropractors	60	70	10	17%	10	20	\$69,191	First professional degree
29-1031	Dietitians and Nutritionists	40	50	10	25%	10	20	NA	Bachelor's degree
29-1051	Pharmacists	210	270	60	29%	40	100	\$82,997	First professional degree
29-1061	Anesthesiologists	30	30	0	0%	0	10	NA	First professional degree
29-1062	Family and General Practitioners	60	70	10	17%	10	20	\$163,504	First professional degree
29-1064	Obstetricians and Gynecologists	30	30	0	0%	0	10	NA	First professional degree
29-1067	Surgeons	30	40	10	33%	0	10	NA	First professional degree
29-1071	Physician Assistants	20	30	10	50%	0	10	\$33,627	Bachelor's degree
29-1081	Podiatrists	20	20	0	0%	10	10	NA	First professional degree
29-1111	Registered Nurses	1,650	2,260	610	37%	350	950	\$47,072	Associate degree
29-1122	Occupational Therapists	100	120	20	20%	10	40	\$54,292	Bachelor's degree
29-1123	Physical Therapists	150	190	40	27%	10	60	\$55,136	Master's degree
29-1125	Recreational Therapists	30	40	10	33%	10	20	NA	Bachelor's degree
29-1126	Respiratory Therapists	150	230	80	53%	50	130	\$45,283	Associate degree
29-1127	Speech-Language Pathologists	70	80	10	14%	20	30	\$49,700	Master's degree
29-1131	Veterinarians	30	40	10	33%	10	10	\$87,233	First professional degree
29-2000	<i>Health Technologists and Technicians</i>	2,180	2,680	500	23%	380	890	NA NA	
29-2011	Medical and Clinical Laboratory Technologists	50	60	10	20%	10	30	\$42,524	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	80	90	10	13%	20	40	NA	Associate degree
29-2021	Dental Hygienists	130	170	40	31%	10	50	NA	Associate degree
29-2031	Cardiovascular Technologists and Technicians	20	20	0	0%	0	10	NA	Associate degree
29-2032	Diagnostic Medical Sonographers	30	30	0	0%	10	10	NA	Associate degree
29-2034	Radiologic Technologists and Technicians	130	170	40	31%	30	60	\$41,025	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	170	220	50	29%	20	70	\$25,453	Postsecondary vocational training
29-2051	Dietetic Technicians	100	110	10	10%	10	30	\$18,486	Moderate-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
29-2052	Pharmacy Technicians	210	260	50	24%	30	80	\$21,659	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	100	150	50	50%	10	60	NA	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	20	NA	Postsecondary vocational training
29-2055	Surgical Technologists	90	120	30	33%	10	40	NA	Postsecondary vocational training
29-2061	Licensed Practical and Licensed Vocational Nurses	850	980	130	15%	190	310	\$33,250	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	120	170	50	42%	20	60	\$22,996	Associate degree
29-2081	Opticians, Dispensing	70	70	0	0%	10	20	\$21,979	Long-term on-the-job training
29-9000	<i>Other Healthcare Practitioners and Technical Occupations</i>	50	60	10	20%	10	20	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	20	20	0	0%	10	10	NA	NA
29-9091	Athletic Trainers	30	40	10	33%	10	20	\$39,738	Bachelor's degree
29-9100	<i>Other Health Practitioners And Technical Workers</i>	70	90	20	29%	10	30	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	70	90	20	29%	10	30	NA	NA
31-0000	Healthcare Support Occupations	3,020	3,730	710	24%	480	1,190	\$21,186	NA
31-1000	<i>Nursing, Psychiatric, and Home Health Aides</i>	2,000	2,420	420	21%	260	680	NA	NA
31-1011	Home Health Aides	230	310	80	35%	30	110	\$18,841	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	1,750	2,090	340	19%	230	570	\$19,984	Short-term on-the-job training
31-1013	Psychiatric Aides	20	20	0	0%	0	0	NA	Short-term on-the-job training
31-2000	<i>Occupational and Physical Therapist Assistants and Aides</i>	90	120	30	33%	10	50	NA	NA
31-2021	Physical Therapist Assistants	50	70	20	40%	10	30	\$37,228	Associate degree
31-2022	Physical Therapist Aides	30	40	10	33%	10	10	NA	Short-term on-the-job training
31-9000	<i>Other Healthcare Support Occupations</i>	930	1,200	270	29%	200	470	NA	NA
31-9011	Massage Therapists	100	120	20	20%	20	40	\$21,528	Postsecondary vocational training
31-9091	Dental Assistants	270	360	90	33%	80	170	\$26,495	Moderate-term on-the-job training
31-9092	Medical Assistants	130	200	70	54%	20	100	\$24,540	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	110	130	20	18%	20	50	\$27,606	Postsecondary vocational training
31-9095	Pharmacy Aides	120	130	10	8%	20	40	\$18,466	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	80	90	10	13%	10	20	\$17,452	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	120	150	30	25%	20	60	\$25,455	Short-term on-the-job training
33-0000	Protective Service Occupations	2,020	2,380	360	18%	540	900	\$27,275	NA
33-1000	<i>First-Line Supervisors/Managers, Protective Service Workers</i>	120	140	20	17%	40	60	NA	NA
33-1012	First-Line Supervisors/Managers of Police and Detectives	60	70	10	17%	20	30	\$44,687	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	30	40	10	33%	10	20	\$43,991	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	20	20	0	0%	10	10	\$31,449	Work experience in a related occupation
33-2000	<i>Fire Fighting and Prevention Workers</i>	530	660	130	25%	150	290	NA	NA
33-2011	Fire Fighters	440	550	110	25%	130	240	\$36,810	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	90	110	20	22%	30	40	NA	Work experience in a related occupation
33-3000	<i>Law Enforcement Workers</i>	560	720	160	29%	140	300	NA	NA
33-3012	Correctional Officers and Jailers	70	90	20	29%	20	30	\$26,674	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	50	60	10	20%	10	20	\$38,195	Work experience in a related occupation
33-3031	Fish and Game Wardens	30	30	0	0%	10	10	NA	Long-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	390	520	130	33%	100	230	\$34,805	Long-term on-the-job training
33-9000	<i>Other Protective Service Workers</i>	810	860	50	6%	210	260	NA	NA
33-9021	Private Detectives and Investigators	30	30	0	0%	10	10	\$62,624	Work experience in a related occupation
33-9032	Security Guards	690	730	40	6%	150	190	\$17,540	Short-term on-the-job training
33-9091	Crossing Guards	30	40	10	33%	10	20	NA	NA
33-9099	Protective Service Workers, All Other	40	50	10	25%	30	40	\$23,054	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	11,220	11,610	390	3%	4,360	4,920	\$15,781	NA

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
35-1000	<i>Supervisors, Food Preparation and Serving Workers</i>	940	940	0	0%	230	230	NA	NA
35-1011	Chefs and Head Cooks	120	120	0	0%	30	40	\$23,451	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	820	820	0	0%	200	200	\$23,145	Work experience in a related occupation
35-2000	<i>Cooks and Food Preparation Workers</i>	3,190	3,150	-40	-1%	1,020	1,150	NA	NA
35-2011	Cooks, Fast Food	810	720	-90	-11%	250	250	\$13,677	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	720	650	-70	-10%	220	220	\$18,291	Long-term on-the-job training
35-2014	Cooks, Restaurant	650	700	50	8%	200	250	\$16,897	Long-term on-the-job training
35-2015	Cooks, Short Order	150	150	0	0%	50	50	\$15,080	Short-term on-the-job training
35-2021	Food Preparation Workers	840	920	80	10%	300	370	\$16,493	Short-term on-the-job training
35-3000	<i>Food and Beverage Serving Workers</i>	5,470	5,810	340	6%	2,570	2,920	NA	NA
35-3011	Bartenders	480	480	0	0%	190	190	\$14,138	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,600	2,780	180	7%	1,130	1,310	\$14,530	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	380	380	0	0%	250	250	\$13,614	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,870	1,990	120	6%	960	1,080	\$14,758	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	140	180	40	29%	50	80	NA	Short-term on-the-job training
35-9000	<i>Other Food Preparation and Serving Related Workers</i>	1,630	1,710	80	5%	540	620	NA	NA
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	700	750	50	7%	230	290	\$14,691	Short-term on-the-job training
35-9021	Dishwashers	400	400	0	0%	140	140	\$14,746	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	490	520	30	6%	150	190	\$16,651	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	40	40	0	0%	10	10	NA	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	4,070	4,300	230	6%	820	1,070	\$21,816	NA
37-1000	<i>Supervisors, Building and Grounds Cleaning and Maintenance Workers</i>	400	420	20	5%	80	100	NA	NA
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	310	320	10	3%	70	90	\$32,515	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds Maintenance Workers	100	100	0	0%	10	10	\$35,775	Work experience in a related occupation
37-2000	<i>Building Cleaning and Pest Control Workers</i>	2,760	2,930	170	6%	540	710	NA	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,910	2,040	130	7%	360	490	\$22,442	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	790	840	50	6%	170	220	\$15,968	Short-term on-the-job training
37-2021	Pest Control Workers	50	50	0	0%	10	10	\$24,561	Moderate-term on-the-job training
37-3000	<i>Grounds Maintenance Workers</i>	910	960	50	5%	200	260	NA	NA
37-3011	Landscaping and Groundskeeping Workers	810	870	60	7%	180	230	\$19,677	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	90	80	-10	-11%	20	20	NA	Moderate-term on-the-job training
39-0000	Personal Care and Service Occupations	2,910	3,290	380	13%	710	1,120	\$18,700	NA
39-1000	<i>Supervisors, Personal Care and Service Workers</i>	110	120	10	9%	30	30	NA	NA
39-1021	First-Line Supervisors/Managers of Personal Service Workers	110	120	10	9%	30	30	\$31,047	Work experience in a related occupation
39-2000	<i>Animal Care and Service Workers</i>	120	140	20	17%	30	40	NA	NA
39-2021	Nonfarm Animal Caretakers	120	130	10	8%	30	40	\$17,560	Short-term on-the-job training
39-3000	<i>Entertainment Attendants and Related Workers</i>	340	380	40	12%	120	180	NA	NA
39-3031	Ushers, Lobby Attendants, and Ticket Takers	70	50	-20	-29%	40	40	\$13,415	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	190	250	60	32%	60	110	\$15,346	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	40	10	33%	10	10	NA	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	40	40	0	0%	10	20	NA	NA
39-4000	<i>Funeral Service Workers</i>	80	100	20	25%	20	30	NA	NA
39-4021	Funeral Attendants	70	90	20	29%	20	30	\$21,364	Short-term on-the-job training
39-5000	<i>Personal Appearance Workers</i>	240	240	0	0%	50	50	NA	NA
39-5012	Hairdressers, Hairstylists, and Cosmetologists	230	230	0	0%	40	40	\$26,036	Postsecondary vocational training
39-6000	<i>Transportation, Tourism, and Lodging Attendants</i>	50	50	0	0%	10	10	NA	NA

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
39-6021	Tour Guides and Escorts	20	30	10	50%	10	10		NA Moderate-term on-the-job training
39-9000	<i>Other Personal Care and Service Workers</i>	1,960	2,270	310	16%	450	770	NA NA	
39-9011	Child Care Workers	1,040	1,060	20	2%	280	310	\$16,041	Short-term on-the-job training
39-9021	Personal and Home Care Aides	560	790	230	41%	90	320	\$17,472	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	130	160	30	23%	30	60	\$18,825	Postsecondary vocational training
39-9032	Recreation Workers	160	190	30	19%	40	60	\$24,205	Bachelor's degree
39-9041	Residential Advisors	30	30	0	0%	10	10	\$21,425	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	50	50	0	0%	10	10	\$16,913	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	10,850	10,910	60	1%	3,740	3,980	\$23,155	NA
41-1000	<i>Supervisors, Sales Workers</i>	1,560	1,520	-40	-3%	280	280	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,290	1,240	-50	-4%	230	230	\$32,649	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	270	-10	-4%	50	50	\$61,760	Work experience in a related occupation
41-2000	<i>Retail Sales Workers</i>	7,140	7,170	30	0%	2,990	3,090	NA NA	
41-2011	Cashiers	3,240	3,180	-60	-2%	1,580	1,580	\$15,433	Short-term on-the-job training
41-2021	Counter and Rental Clerks	350	370	20	6%	130	160	\$18,072	Short-term on-the-job training
41-2022	Parts Salespersons	160	150	-10	-6%	50	50	\$19,908	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,390	3,480	90	3%	1,230	1,320	\$18,814	Short-term on-the-job training
41-3000	<i>Sales Representatives, Services</i>	410	430	20	5%	90	110	NA NA	
41-3011	Advertising Sales Agents	110	120	10	9%	20	30	\$43,835	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	210	230	20	10%	50	60	\$44,368	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	50	0	0%	10	10	\$113,485	Bachelor's degree
41-3041	Travel Agents	50	40	-10	-20%	10	10	\$24,448	Postsecondary vocational training
41-4000	<i>Sales Representatives, Wholesale and Manufacturing</i>	760	810	50	7%	200	250	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	80	90	10	13%	20	30	NA	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	680	720	40	6%	180	220	\$45,046	Moderate-term on-the-job training
41-9000	<i>Other Sales and Related Workers</i>	980	980	0	0%	190	230	NA NA	
41-9011	Demonstrators and Product Promoters	50	50	0	0%	10	20	NA	Moderate-term on-the-job training
41-9021	Real Estate Brokers	60	50	-10	-17%	10	10	NA	Work experience in a related occupation
41-9022	Real Estate Sales Agents	220	230	10	5%	40	50	\$20,020	Postsecondary vocational training
41-9041	Telemarketers	360	320	-40	-11%	60	60	NA	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	60	50	-10	-17%	10	10	NA	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	220	260	40	18%	40	80	\$25,884	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	16,630	16,510	-120	-1%	3,880	4,570	\$26,131	NA
43-1000	<i>Supervisors, Office and Administrative Support Workers</i>	880	880	0	0%	190	190	NA NA	
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	880	880	0	0%	190	190	\$38,302	Work experience in a related occupation
43-2000	<i>Communications Equipment Operators</i>	270	200	-70	-26%	70	70	NA NA	
43-2011	Switchboard Operators, Including Answering Service	180	170	-10	-6%	50	50	\$21,365	Short-term on-the-job training
43-2021	Telephone Operators	80	30	-50	-63%	20	20	NA	Short-term on-the-job training
43-3000	<i>Financial Clerks</i>	2,840	2,840	0	0%	660	720	NA NA	
43-3011	Bill and Account Collectors	190	220	30	16%	40	70	\$26,179	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	250	250	0	0%	40	40	\$24,755	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,760	1,710	-50	-3%	330	330	\$25,837	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	170	170	0	0%	40	40	\$27,630	Short-term on-the-job training
43-3061	Procurement Clerks	90	80	-10	-11%	20	20	\$30,163	Short-term on-the-job training
43-3071	Tellers	380	420	40	11%	190	220	\$19,126	Short-term on-the-job training
43-4000	<i>Information and Record Clerks</i>	2,820	3,110	290	10%	640	990	NA NA	
43-4031	Court, Municipal, and License Clerks	60	70	10	17%	10	30	\$22,797	Short-term on-the-job training
43-4051	Customer Service Representatives	720	770	50	7%	110	160	\$27,300	Moderate-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
43-4061	Eligibility Interviewers, Government Programs	80	70	-10	-13%	20	20	\$23,857	Moderate-term on-the-job training
43-4071	File Clerks	120	110	-10	-8%	40	40	\$18,978	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	130	150	20	15%	60	80	\$16,207	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	110	160	50	45%	30	80	NA	Short-term on-the-job training
43-4121	Library Assistants, Clerical	100	120	20	20%	40	70	NA	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	90	70	-20	-22%	10	10	\$25,236	Short-term on-the-job training
43-4141	New Accounts Clerks	30	40	10	33%	10	10	\$25,357	Work experience in a related occupation
43-4151	Order Clerks	220	200	-20	-9%	50	50	\$27,936	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	100	110	10	10%	20	30	\$28,495	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	870	1,030	160	18%	210	380	\$20,835	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	180	180	0	0%	30	30	NA	NA
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	3,120	2,910	-210	-7%	930	1,010	NA	NA
43-5021	Couriers and Messengers	50	40	-10	-20%	10	10	\$15,667	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	130	150	20	15%	30	50	\$23,137	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	80	90	10	13%	20	30	\$30,827	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	60	50	-10	-17%	20	20	\$26,174	NA
43-5051	Postal Service Clerks	70	70	0	0%	20	20	\$40,932	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	380	380	0	0%	120	120	\$41,388	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	130	120	-10	-8%	40	40	\$37,055	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	260	310	50	19%	60	110	\$32,403	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	580	530	-50	-9%	120	120	\$28,431	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,310	1,090	-220	-17%	490	490	\$19,510	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	70	80	10	14%	20	20	\$28,232	Short-term on-the-job training
43-6000	Secretaries and Administrative Assistants	3,040	3,040	0	0%	580	740	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	1,010	1,120	110	11%	190	310	\$33,324	Moderate-term on-the-job training
43-6012	Legal Secretaries	100	120	20	20%	20	40	\$25,505	Postsecondary vocational training
43-6013	Medical Secretaries	200	220	20	10%	40	60	\$27,057	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,730	1,580	-150	-9%	330	330	\$24,537	Moderate-term on-the-job training
43-9000	Other Office and Administrative Support Workers	3,670	3,540	-130	-4%	820	850	NA	NA
43-9011	Computer Operators	170	130	-40	-24%	40	40	\$29,465	Moderate-term on-the-job training
43-9021	Data Entry Keyers	250	200	-50	-20%	60	60	\$22,197	Moderate-term on-the-job training
43-9022	Word Processors and Typists	70	40	-30	-43%	20	20	\$24,389	Moderate-term on-the-job training
43-9031	Desktop Publishers	20	30	10	50%	10	10	\$25,105	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	60	60	0	0%	10	10	\$23,783	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	80	70	-10	-13%	20	20	\$24,367	Short-term on-the-job training
43-9061	Office Clerks, General	2,550	2,580	30	1%	570	600	\$21,118	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	20	20	0	0%	10	10	NA	Short-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers, A	450	410	-40	-9%	100	100	NA	NA
45-0000	Farming, Fishing, and Forestry Occupations	370	400	30	8%	100	130	\$24,067	NA
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	30	30	0	0%	10	10	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	30	30	0	0%	10	10	\$35,361	Work experience in a related occupation
45-2000	Agricultural Workers	270	300	30	11%	80	100	NA	NA
45-2091	Agricultural Equipment Operators	30	40	10	33%	10	10	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	190	210	20	11%	60	70	NA	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	0%	10	20	NA	Moderate-term on-the-job training
45-4000	Forest, Conservation, and Logging Workers	50	50	0	0%	10	10	NA	NA
45-4023	Log Graders and Scalers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
45-9000	Other Farming, Fishing, and Forestry Workers	20	20	0	0%	10	10	NA	NA
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	20	20	0	0%	10	10	NA	NA
47-0000	Construction and Extraction Occupations	7,150	7,510	360	5%	1,540	1,950	\$35,869	NA

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
47-1000	Supervisors, Construction and Extraction Workers	640	680	40	6%	110	150	NA NA	
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	640	680	40	6%	110	150	\$52,788	Work experience in a related occupation
47-2000	Construction Trades Workers	5,120	5,420	300	6%	980	1,280	NA NA	
47-2021	Brickmasons and Blockmasons	120	120	0	0%	20	20	\$46,629	Long-term on-the-job training
47-2022	Stonemasons	60	60	0	0%	10	10	\$30,454	Long-term on-the-job training
47-2031	Carpenters	1,060	1,120	60	6%	170	230	\$32,707	Long-term on-the-job training
47-2041	Carpet Installers	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	150	170	20	13%	30	50	\$28,503	Long-term on-the-job training
47-2061	Construction Laborers	850	890	40	5%	110	160	\$29,209	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	60	70	10	17%	10	20	\$27,330	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	920	930	10	1%	240	250	\$38,670	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	50	50	0	0%	10	10	NA	Moderate-term on-the-job training
47-2082	Tapers	30	40	10	33%	10	10	NA	Moderate-term on-the-job training
47-2111	Electricians	560	620	60	11%	110	170	\$45,509	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	270	270	0	0%	40	40	\$29,286	Moderate-term on-the-job training
47-2151	Pipelayers	160	180	20	13%	40	60	\$29,575	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	550	590	40	7%	130	170	\$47,114	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	40	40	0	0%	10	10	NA	Long-term on-the-job training
47-2181	Roofers	90	90	0	0%	20	30	\$31,007	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	100	110	10	10%	20	30	\$38,158	Moderate-term on-the-job training
47-3000	Helpers, Construction Trades	520	520	0	0%	220	230	NA NA	
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	80	70	-10	-13%	30	30	\$24,149	Short-term on-the-job training
47-3012	Helpers--Carpenters	140	150	10	7%	60	70	NA	Short-term on-the-job training
47-3013	Helpers--Electricians	70	80	10	14%	30	30	\$19,075	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	60	50	-10	-17%	20	20	\$26,551	Short-term on-the-job training
47-3016	Helpers--Roofers	20	20	0	0%	10	10	NA	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	140	140	0	0%	60	60	NA	Short-term on-the-job training
47-4000	Other Construction and Related Workers	300	340	40	13%	50	100	NA NA	
47-4011	Construction and Building Inspectors	80	110	30	38%	20	50	\$36,922	Work experience in a related occupation
47-4051	Highway Maintenance Workers	190	210	20	11%	30	50	\$26,162	Moderate-term on-the-job training
47-4900	All Other Construction Trades and Related Workers	40	40	0	0%	10	10	NA NA	
47-4999	Construction Trades and Related Workers, All Other (OES Only)	40	40	0	0%	10	10	NA NA	
47-5000	Extraction Workers	530	520	-10	-2%	170	190	NA NA	
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	10	10	\$34,092	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	300	320	20	7%	110	130	\$34,111	Moderate-term on-the-job training
47-5041	Continuous Mining Machine Operators	20	20	0	0%	10	10	NA NA	
47-5042	Mine Cutting and Channeling Machine Operators	40	40	0	0%	10	10	\$31,806	Work experience in a related occupation
47-5051	Rock Splitters, Quarry	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
47-5061	Roof Bolters, Mining	40	30	-10	-25%	10	10	NA NA	
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	NA	Short-term on-the-job training
47-5099	Extraction Workers, All Other	40	40	0	0%	10	10	NA NA	
49-0000	Installation, Maintenance, and Repair Occupations	4,950	5,130	180	4%	1,150	1,500	\$33,834	NA
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	470	500	30	6%	120	140	NA NA	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	470	500	30	6%	120	140	\$48,972	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	440	290	-150	-34%	90	100	NA NA	
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	30	-10	-25%	0	0	\$28,191	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	130	110	-20	-15%	30	30	\$40,216	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	20	0	0%	10	10	NA	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	200	50	-150	-75%	40	40	NA	Postsecondary vocational training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	1,470	1,530	60	4%	390	460	NA NA	
49-3021	Automotive Body and Related Repairers	120	130	10	8%	30	30	\$32,769	Long-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
49-3023	Automotive Service Technicians and Mechanics	740	790	50	7%	200	240	\$27,664	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	170	180	10	6%	50	50	\$32,751	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	60	70	10	17%	10	20	NA	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	130	130	0	0%	30	30	\$32,803	Postsecondary vocational training
49-3052	Motorcycle Mechanics	40	40	0	0%	10	10	\$27,310	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
49-3093	Tire Repairers and Changers	140	140	0	0%	60	60	NA	Short-term on-the-job training
49-9000	<i>Other Installation, Maintenance, and Repair Occupations</i>	2,570	2,820	250	10%	550	800	NA	NA
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	80	100	20	25%	20	30	\$38,077	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	170	210	40	24%	20	60	NA	Long-term on-the-job training
49-9031	Home Appliance Repairers	120	130	10	8%	30	40	NA	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	190	200	10	5%	40	50	NA	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,270	1,410	140	11%	250	390	\$31,071	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	80	80	0	0%	20	20	\$35,732	Long-term on-the-job training
49-9044	Millwrights	120	130	10	8%	30	40	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	90	90	0	0%	30	40	\$44,593	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	110	120	10	9%	30	40	\$37,303	Long-term on-the-job training
49-9064	Watch Repairers	20	10	-10	-50%	10	10	NA	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	60	60	0	0%	10	20	NA	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	90	110	20	22%	30	40	\$21,274	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	120	120	0	0%	30	30	\$34,983	Long-term on-the-job training
51-0000	Production Occupations	13,580	12,670	-910	-7%	3,250	3,600	\$30,102	NA
51-1000	<i>Supervisors, Production Workers</i>	990	970	-20	-2%	210	210	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	990	970	-20	-2%	210	210	\$44,054	Work experience in a related occupation
51-2000	<i>Assemblers and Fabricators</i>	4,330	3,620	-710	-16%	1,110	1,120	NA	NA
51-2021	Coil Winders, Tapers, and Finishers	20	20	0	0%	10	10	NA	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	190	50	-140	-74%	40	40	NA	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	20	30	10	50%	10	10	NA	Moderate-term on-the-job training
51-2092	Team Assemblers	3,560	3,000	-560	-16%	920	920	\$28,530	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	510	510	0	0%	130	130	\$26,317	Moderate-term on-the-job training
51-3000	<i>Food Processing Workers</i>	1,220	1,280	60	5%	270	340	NA	NA
51-3011	Bakers	170	170	0	0%	40	40	\$18,459	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	80	70	-10	-13%	20	20	\$25,753	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	100	100	0	0%	20	30	NA	Short-term on-the-job training
51-3023	Slaughterers and Meat Packers	830	890	60	7%	180	250	NA	Moderate-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	20	20	0	0%	10	10	NA	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	30	30	0	0%	10	10	NA	Short-term on-the-job training
51-4000	<i>Metal Workers and Plastic Workers</i>	2,700	2,560	-140	-5%	620	700	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	370	410	40	11%	60	100	NA	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	20	20	0	0%	0	10	\$36,705	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	140	160	20	14%	50	70	\$25,363	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	160	140	-20	-13%	20	20	NA	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	250	230	-20	-8%	60	60	\$30,342	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	120	0	0%	20	20	\$31,920	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	110	-10	-8%	20	20	\$24,640	Moderate-term on-the-job training
51-4041	Machinists	210	200	-10	-5%	50	50	\$41,656	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	250	240	-10	-4%	60	60	NA	Moderate-term on-the-job training
51-4111	Tool and Die Makers	320	280	-40	-13%	70	70	NA	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	300	310	10	3%	90	90	\$32,317	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	220	150	-70	-32%	60	60	NA	Moderate-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
51-4194	Tool Grinders, Filers, and Sharpeners	40	30	-10	-25%	10	10	\$31,326	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	80	70	-10	-13%	20	20	\$48,294	Moderate-term on-the-job training
51-5000	Printing Workers	460	410	-50	-11%	110	110	NA	NA
51-5011	Bindery Workers	110	90	-20	-18%	30	30	\$21,376	Moderate-term on-the-job training
51-5021	Job Printers	30	30	0	0%	10	10	\$23,922	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	110	100	-10	-9%	30	30	\$29,608	Long-term on-the-job training
51-5023	Printing Machine Operators	190	180	-10	-5%	40	40	\$27,655	Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers	720	580	-140	-19%	150	160	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	140	150	10	7%	40	50	\$16,583	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	90	70	-20	-22%	10	10	\$18,652	Short-term on-the-job training
51-6031	Sewing Machine Operators	180	160	-20	-11%	20	20	\$20,431	Moderate-term on-the-job training
51-6041	Shoe and Leather Workers and Repairers	20	20	0	0%	10	10	NA	Long-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	70	60	-10	-14%	10	10	\$18,512	Work experience in a related occupation
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20%	10	10	NA	Moderate-term on-the-job training
51-6093	Upholsterers	170	70	-100	-59%	40	40	NA	Long-term on-the-job training
51-7000	Woodworkers	490	420	-70	-14%	130	130	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	220	210	-10	-5%	50	50	\$20,848	Long-term on-the-job training
51-7021	Furniture Finishers	20	20	0	0%	0	0	NA	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	140	120	-20	-14%	40	40	\$30,429	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	90	60	-30	-33%	20	20	\$23,721	Moderate-term on-the-job training
51-8000	Plant and System Operators	270	310	40	15%	80	120	NA	NA
51-8012	Power Distributors and Dispatchers	60	60	0	0%	20	20	NA	Long-term on-the-job training
51-8013	Power Plant Operators	20	20	0	0%	0	0	NA	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	40	40	0	0%	10	10	\$37,431	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	120	150	30	25%	40	70	\$33,488	Long-term on-the-job training
51-8092	Gas Plant Operators	20	20	0	0%	10	10	NA	Long-term on-the-job training
51-8099	Plant and System Operators, All Other	20	20	0	0%	10	10	\$39,932	Long-term on-the-job training
51-9000	Other Production Occupations	2,420	2,520	100	4%	570	720	NA	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	100	90	-10	-10%	30	30	NA	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	80	70	-10	-13%	20	20	NA	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	30	30	0	0%	10	10	\$27,330	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	150	140	-10	-7%	40	40	\$31,580	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	100	120	20	20%	20	40	\$31,898	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	180	190	10	6%	40	40	\$31,800	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	40	40	0	0%	10	10	NA	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20	10	-10	-50%	0	0	NA	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	720	750	30	4%	170	190	\$32,847	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	30	30	0	0%	10	10	\$37,210	Long-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	440	520	80	18%	90	170	\$27,566	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	70	0	0%	20	20	\$26,749	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	20	20	0	0%	10	10	\$36,677	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	20	20	0	0%	10	10	NA	Short-term on-the-job training
51-9131	Photographic Process Workers	30	30	0	0%	10	10	\$14,813	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	30	30	0	0%	10	10	NA	Short-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	20	30	10	50%	10	10	NA	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	200	200	0	0%	60	60	\$20,204	Short-term on-the-job training
51-9199	Production Workers, All Other	40	40	0	0%	10	10	\$40,511	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	8,230	8,430	200	2%	1,720	2,070	\$25,373	NA
53-1000	Supervisors, Transportation and Material Moving Workers	450	470	20	4%	110	120	NA	NA
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers	200	200	0	0%	50	50	\$41,382	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Workers	250	260	10	4%	60	70	\$45,059	Work experience in a related occupation

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
53-2000	Air Transportation Workers	20	20	0	0%	0	10	NA NA	
53-2012	Commercial Pilots	20	20	0	0%	0	10	\$53,279	Postsecondary vocational training
53-3000	Motor Vehicle Operators	4,360	4,610	250	6%	690	1,010	NA NA	
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	40	50	10	25%	0	10	NA	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	80	90	10	13%	20	30	\$21,184	Moderate-term on-the-job training
53-3022	Bus Drivers, School	670	640	-30	-4%	150	150	\$23,807	Short-term on-the-job training
53-3031	Driver/Sales Workers	690	640	-50	-7%	110	110	\$15,933	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,010	2,200	190	9%	330	520	\$32,128	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	660	690	30	5%	60	100	\$22,569	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	170	240	70	41%	20	90	\$15,364	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	60	60	0	0%	10	10	\$36,465	Short-term on-the-job training
53-4000	Rail Transportation Workers	20	20	0	0%	0	0	NA NA	
53-6000	Other Transportation Workers	90	80	-10	-11%	30	30	NA NA	
53-6031	Service Station Attendants	30	30	0	0%	20	20	\$18,365	Short-term on-the-job training
53-6099	Transportation Workers, All Other	20	20	0	0%	10	10	\$31,218	Short-term on-the-job training
53-7000	Material Moving Workers	3,290	3,230	-60	-2%	880	890	NA NA	
53-7011	Conveyor Operators and Tenders	50	50	0	0%	10	10	\$24,466	Short-term on-the-job training
53-7021	Crane and Tower Operators	40	40	0	0%	10	10	\$34,765	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	110	110	0	0%	30	30	\$30,855	Moderate-term on-the-job training
53-7033	Loading Machine Operators, Underground Mining	20	10	-10	-50%	10	10	NA	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	530	530	0	0%	100	100	\$33,243	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	210	210	0	0%	70	70	\$14,548	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,340	1,290	-50	-4%	440	440	\$20,799	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	200	190	-10	-5%	50	50	\$22,346	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	660	670	10	2%	120	130	\$19,006	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	110	120	10	9%	30	30	\$28,884	Short-term on-the-job training

1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
	intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.								
	Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.								
	Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.								

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 08

Education Requirement ³

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²
00-0000	Total, All Occupations	117,620	125,360	7,740	7%	28,660	39,330	\$31,923
First professional degree								
23-1011	Lawyers	170	210	40	24%	20	60	\$67,835
29-1011	Chiropractors	60	70	10	17%	10	20	\$69,191
29-1051	Pharmacists	210	270	60	29%	40	100	\$82,997
29-1061	Anesthesiologists	30	30	0	0%	0	10	NA
29-1062	Family and General Practitioners	60	70	10	17%	10	20	\$163,504
29-1064	Obstetricians and Gynecologists	30	30	0	0%	0	10	NA
29-1067	Surgeons	30	40	10	33%	0	10	NA
29-1081	Podiatrists	20	20	0	0%	10	10	NA
29-1131	Veterinarians	30	40	10	33%	10	10	\$87,233
Doctoral degree								
15-1011	Computer and Information Scientists, Research	40	50	10	25%	10	10	\$92,877
19-1022	Microbiologists	40	50	10	25%	10	20	\$45,988
19-1042	Medical Scientists, Except Epidemiologists	20	20	0	0%	0	10	NA
19-2012	Physicists	30	30	0	0%	10	10	\$73,840
25-1011	Business Teachers, Postsecondary	230	310	80	35%	50	130	NA
25-1021	Computer Science Teachers, Postsecondary	30	30	0	0%	10	10	NA
25-1022	Mathematical Science Teachers, Postsecondary	70	90	20	29%	20	30	NA
25-1042	Biological Science Teachers, Postsecondary	80	100	20	25%	20	40	NA
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	40	50	10	25%	10	20	NA
25-1052	Chemistry Teachers, Postsecondary	40	50	10	25%	10	20	NA
25-1054	Physics Teachers, Postsecondary	40	50	10	25%	10	20	NA
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	110	150	40	36%	30	60	NA
25-1063	Economics Teachers, Postsecondary	20	30	10	50%	10	10	NA
25-1065	Political Science Teachers, Postsecondary	20	30	10	50%	10	10	NA
25-1066	Psychology Teachers, Postsecondary	50	70	20	40%	10	30	NA
25-1067	Sociology Teachers, Postsecondary	30	40	10	33%	10	20	NA
25-1071	Health Specialties Teachers, Postsecondary	70	90	20	29%	20	40	NA
25-1081	Education Teachers, Postsecondary	160	210	50	31%	40	90	NA
25-1082	Library Science Teachers, Postsecondary	20	20	0	0%	0	10	NA
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	10	50%	10	10	NA
25-1112	Law Teachers, Postsecondary	50	70	20	40%	10	30	NA
25-1121	Art, Drama, and Music Teachers, Postsecondary	80	100	20	25%	20	40	NA
25-1122	Communications Teachers, Postsecondary	90	120	30	33%	20	50	NA
25-1123	English Language and Literature Teachers, Postsecondary	90	110	20	22%	20	50	NA
25-1124	Foreign Language and Literature Teachers, Postsecondary	100	130	30	30%	20	50	NA
25-1125	History Teachers, Postsecondary	50	60	10	20%	10	30	NA
25-1126	Philosophy and Religion Teachers, Postsecondary	30	40	10	33%	10	20	NA
25-1199	Postsecondary Teachers, All Other	340	440	100	29%	80	170	NA
Master's degree								
15-2031	Operations Research Analysts	30	20	-10	-33%	10	10	\$66,968
15-2041	Statisticians	20	20	0	0%	0	0	\$55,799
19-3031	Clinical, Counseling, and School Psychologists	70	80	10	14%	10	20	\$54,355
21-1011	Substance Abuse and Behavioral Disorder Counselors	150	180	30	20%	40	60	NA
21-1012	Educational, Vocational, and School Counselors	360	390	30	8%	80	120	NA
21-1013	Marriage and Family Therapists	20	20	0	0%	10	10	NA
21-1014	Mental Health Counselors	20	20	0	0%	0	10	\$33,299
21-1015	Rehabilitation Counselors	80	110	30	38%	20	50	\$20,936
21-1023	Mental Health and Substance Abuse Social Workers	30	50	20	67%	10	30	\$35,216
21-2011	Clergy	20	20	0	0%	0	10	\$34,411

25-1193	Recreation and Fitness Studies Teachers, Postsecondary	60	80	20	33%	10	30	NA
25-4021	Librarians	190	200	10	5%	50	50	\$49,207
25-9031	Instructional Coordinators	70	80	10	14%	10	20	\$51,665
29-1123	Physical Therapists	150	190	40	27%	10	60	\$55,136
29-1127	Speech-Language Pathologists	70	80	10	14%	20	30	\$49,700

Work experience plus bachelor's or higher degree

11-1011	Chief Executives	220	240	20	9%	40	60	\$100,414
11-1021	General and Operations Managers	1,240	1,360	120	10%	230	350	\$82,066
11-2011	Advertising and Promotions Managers	30	30	0	0%	10	10	\$47,745
11-2021	Marketing Managers	90	110	20	22%	20	30	\$63,634
11-2022	Sales Managers	100	110	10	10%	20	30	\$81,300
11-2031	Public Relations Managers	80	90	10	13%	10	20	NA
11-3011	Administrative Services Managers	50	60	10	20%	10	20	\$59,331
11-3021	Computer and Information Systems Managers	210	260	50	24%	40	90	\$67,604
11-3031	Financial Managers	170	180	10	6%	20	40	\$81,023
11-3061	Purchasing Managers	60	50	-10	-17%	10	10	\$66,930
11-9011	Farm, Ranch, and Other Agricultural Managers	50	50	0	0%	10	10	NA
11-9031	Education Administrators, Preschool and Child Care Center/Program	30	40	10	33%	10	10	\$43,471
11-9032	Education Administrators, Elementary and Secondary School	170	190	20	12%	40	60	\$72,257
11-9033	Education Administrators, Postsecondary	110	140	30	27%	30	50	NA
11-9041	Engineering Managers	100	120	20	20%	20	40	\$73,084
11-9111	Medical and Health Services Managers	230	310	80	35%	50	120	\$56,554
11-9121	Natural Sciences Managers	40	40	0	0%	10	10	\$57,238
13-1111	Management Analysts	310	370	60	19%	40	100	\$65,715
23-1023	Judges, Magistrate Judges, and Magistrates	30	30	0	0%	0	10	\$42,502
27-1011	Art Directors	50	50	0	0%	10	10	NA
27-2012	Producers and Directors	20	20	0	0%	0	0	\$34,724

Bachelor's degree

11-3051	Industrial Production Managers	120	130	10	8%	20	30	\$64,897
11-9021	Construction Managers	230	250	20	9%	40	60	\$67,332
11-9141	Property, Real Estate, and Community Association Managers	110	120	10	9%	20	30	\$41,590
11-9151	Social and Community Service Managers	90	100	10	11%	20	30	\$41,688
13-1022	Wholesale and Retail Buyers, Except Farm Products	180	160	-20	-11%	50	50	\$36,708
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	260	280	20	8%	60	80	\$49,891
13-1051	Cost Estimators	170	190	20	12%	40	60	\$47,383
13-1071	Employment, Recruitment, and Placement Specialists	110	150	40	36%	20	50	\$38,034
13-1072	Compensation, Benefits, and Job Analysis Specialists	60	70	10	17%	10	20	\$39,768
13-1073	Training and Development Specialists	60	70	10	17%	10	30	\$38,967
13-1121	Meeting and Convention Planners	30	30	0	0%	10	10	\$33,048
13-1199	Business Operations Specialists, All Other	600	720	120	20%	100	220	\$55,892
13-2011	Accountants and Auditors	530	580	50	9%	100	150	\$49,623
13-2031	Budget Analysts	40	40	0	0%	10	10	\$58,127
13-2041	Credit Analysts	20	20	0	0%	0	0	\$44,411
13-2051	Financial Analysts	50	50	0	0%	10	10	\$44,379
13-2052	Personal Financial Advisors	50	60	10	20%	10	20	NA
13-2071	Loan Counselors	20	20	0	0%	0	0	\$41,575
13-2072	Loan Officers	160	180	20	13%	30	50	\$50,218
13-2099	Financial Specialists, All Other	70	80	10	14%	10	20	\$55,516
15-1021	Computer Programmers	370	380	10	3%	90	100	\$48,476
15-1031	Computer Software Engineers, Applications	60	90	30	50%	10	40	\$66,493
15-1032	Computer Software Engineers, Systems Software	60	90	30	50%	10	30	\$57,210
15-1051	Computer Systems Analysts	420	540	120	29%	50	170	\$53,926
15-1061	Database Administrators	40	60	20	50%	0	20	\$44,187
15-1071	Network and Computer Systems Administrators	130	170	40	31%	10	50	\$48,588
15-1081	Network Systems and Data Communications Analysts	40	80	40	100%	10	40	\$49,691
17-1011	Architects, Except Landscape and Naval	40	60	20	50%	10	30	\$57,495
17-1022	Surveyors	60	80	20	33%	20	40	\$31,141
17-2031	Biomedical Engineers	40	50	10	25%	10	20	NA
17-2041	Chemical Engineers	40	40	0	0%	10	10	\$73,317
17-2051	Civil Engineers	70	80	10	14%	10	30	\$56,802
17-2061	Computer Hardware Engineers	50	60	10	20%	10	20	\$55,358
17-2071	Electrical Engineers	80	80	0	0%	20	20	\$58,669
17-2072	Electronics Engineers, Except Computer	710	790	80	11%	140	220	\$73,185
17-2112	Industrial Engineers	210	220	10	5%	50	60	\$65,540
17-2141	Mechanical Engineers	360	380	20	6%	100	120	\$72,288

17-2199	Engineers, All Other	120	130	10	8%	20	30	\$50,626
19-1031	Conservation Scientists	60	60	0	0%	20	20	\$46,622
19-1032	Foresters	20	20	0	0%	0	10	\$52,801
19-2031	Chemists	60	70	10	17%	20	30	\$67,541
19-2041	Environmental Scientists and Specialists, Including Health	40	50	10	25%	10	20	\$61,810
19-3021	Market Research Analysts	160	200	40	25%	40	80	NA
21-1021	Child, Family, and School Social Workers	380	410	30	8%	60	100	\$29,418
21-1022	Medical and Public Health Social Workers	80	100	20	25%	10	30	\$36,258
21-1092	Probation Officers and Correctional Treatment Specialists	60	70	10	17%	10	20	\$30,521
25-1191	Graduate Teaching Assistants	1,830	2,330	500	27%	410	910	NA
25-2011	Preschool Teachers, Except Special Education	270	310	40	15%	30	80	\$18,585
25-2012	Kindergarten Teachers, Except Special Education	100	120	20	20%	10	30	\$45,882
25-2021	Elementary School Teachers, Except Special Education	740	790	50	7%	160	220	\$43,938
25-2022	Middle School Teachers, Except Special and Vocational Education	510	520	10	2%	110	120	\$46,103
25-2031	Secondary School Teachers, Except Special and Vocational Education	960	1,070	110	11%	270	380	\$45,814
25-2032	Vocational Education Teachers, Secondary School	110	110	0	0%	30	30	NA
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	130	160	30	23%	30	60	\$41,780
25-2042	Special Education Teachers, Middle School	50	60	10	20%	10	20	\$43,320
25-2043	Special Education Teachers, Secondary School	110	140	30	27%	30	50	\$42,860
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	30	30	0	0%	0	10	\$24,167
27-1014	Multi-Media Artists and Animators	20	20	0	0%	10	10	\$43,216
27-1021	Commercial and Industrial Designers	50	60	10	20%	10	10	\$49,222
27-1024	Graphic Designers	170	190	20	12%	20	40	\$37,202
27-1025	Interior Designers	30	30	0	0%	0	0	\$41,941
27-3031	Public Relations Specialists	110	140	30	27%	20	50	\$36,693
27-3041	Editors	190	220	30	16%	50	70	\$38,105
27-3042	Technical Writers	20	20	0	0%	0	0	\$46,051
27-3043	Writers and Authors	70	70	0	0%	10	20	\$42,482
29-1031	Dietitians and Nutritionists	40	50	10	25%	10	20	NA
29-1071	Physician Assistants	20	30	10	50%	0	10	\$33,627
29-1122	Occupational Therapists	100	120	20	20%	10	40	\$54,292
29-1125	Recreational Therapists	30	40	10	33%	10	20	NA
29-2011	Medical and Clinical Laboratory Technologists	50	60	10	20%	10	30	\$42,524
29-9091	Athletic Trainers	30	40	10	33%	10	20	\$39,738
39-9032	Recreation Workers	160	190	30	19%	40	60	\$24,205
41-3021	Insurance Sales Agents	210	230	20	10%	50	60	\$44,368
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	50	0	0%	10	10	\$113,485
Associate degree								
11-9061	Funeral Directors	20	20	0	0%	10	10	\$82,307
15-1041	Computer Support Specialists	200	240	40	20%	30	60	\$36,163
17-3023	Electrical and Electronic Engineering Technicians	740	810	70	9%	150	230	\$53,167
17-3024	Electro-Mechanical Technicians	20	30	10	50%	10	10	NA
17-3026	Industrial Engineering Technicians	40	40	0	0%	10	10	\$51,135
17-3027	Mechanical Engineering Technicians	20	20	0	0%	0	10	NA
19-4021	Biological Technicians	20	20	0	0%	0	10	\$33,732
19-4031	Chemical Technicians	30	30	0	0%	10	10	NA
19-4099	Life, Physical, and Social Science Technicians, All Other	20	30	10	50%	10	10	\$37,485
23-2011	Paralegals and Legal Assistants	80	100	20	25%	10	30	\$31,055
29-1111	Registered Nurses	1,650	2,260	610	37%	350	950	\$47,072
29-1126	Respiratory Therapists	150	230	80	53%	50	130	\$45,283
29-2012	Medical and Clinical Laboratory Technicians	80	90	10	13%	20	40	NA
29-2021	Dental Hygienists	130	170	40	31%	10	50	NA
29-2031	Cardiovascular Technologists and Technicians	20	20	0	0%	0	10	NA
29-2032	Diagnostic Medical Sonographers	30	30	0	0%	10	10	NA
29-2034	Radiologic Technologists and Technicians	130	170	40	31%	30	60	\$41,025
29-2071	Medical Records and Health Information Technicians	120	170	50	42%	20	60	\$22,996
31-2021	Physical Therapist Assistants	50	70	20	40%	10	30	\$37,228
Postsecondary vocational training								
13-2021	Appraisers and Assessors of Real Estate	90	110	20	22%	20	40	\$28,488
15-1099	Computer Specialists, All Other	110	160	50	45%	10	60	\$35,959
17-3011	Architectural and Civil Drafters	80	100	20	25%	20	50	\$36,183
17-3012	Electrical and Electronics Drafters	30	30	0	0%	10	10	NA
17-3013	Mechanical Drafters	50	50	0	0%	10	10	\$38,446
23-2091	Court Reporters	30	30	0	0%	0	10	NA
27-4012	Broadcast Technicians	20	20	0	0%	10	10	NA

29-2041	Emergency Medical Technicians and Paramedics	170	220	50	29%	20	70	\$25,453
29-2053	Psychiatric Technicians	100	150	50	50%	10	60	NA
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	20	NA
29-2055	Surgical Technologists	90	120	30	33%	10	40	NA
29-2061	Licensed Practical and Licensed Vocational Nurses	850	980	130	15%	190	310	\$33,250
31-9011	Massage Therapists	100	120	20	20%	20	40	\$21,528
31-9094	Medical Transcriptionists	110	130	20	18%	20	50	\$27,606
35-1011	Chefs and Head Cooks	120	120	0	0%	30	40	\$23,451
39-5012	Hairdressers, Hairstylists, and Cosmetologists	230	230	0	0%	40	40	\$26,036
39-9031	Fitness Trainers and Aerobics Instructors	130	160	30	23%	30	60	\$18,825
41-3041	Travel Agents	50	40	-10	-20%	10	10	\$24,448
41-9022	Real Estate Sales Agents	220	230	10	5%	40	50	\$20,020
43-6012	Legal Secretaries	100	120	20	20%	20	40	\$25,505
43-6013	Medical Secretaries	200	220	20	10%	40	60	\$27,057
43-9031	Desktop Publishers	20	30	10	50%	10	10	\$25,105
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	30	-10	-25%	0	0	\$28,191
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	130	110	-20	-15%	30	30	\$40,216
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	20	0	0%	10	10	NA
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	200	50	-150	-75%	40	40	NA
49-3023	Automotive Service Technicians and Mechanics	740	790	50	7%	200	240	\$27,664
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	170	180	10	6%	50	50	\$32,751
49-3041	Farm Equipment Mechanics	60	70	10	17%	10	20	NA
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	130	130	0	0%	30	30	\$32,803
51-4121	Welders, Cutters, Solderers, and Brazers	300	310	10	3%	90	90	\$32,317
53-2012	Commercial Pilots	20	20	0	0%	0	10	\$53,279

Work experience in a related occupation

11-3071	Transportation, Storage, and Distribution Managers	60	70	10	17%	10	20	\$65,861
11-9051	Food Service Managers	500	480	-20	-4%	80	80	\$29,710
11-9081	Lodging Managers	50	50	0	0%	10	10	NA
11-9131	Postmasters and Mail Superintendents	50	50	0	0%	10	10	\$49,005
11-9199	Managers, All Other	120	120	0	0%	20	20	\$68,688
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	NA
13-1061	Emergency Management Specialists	20	30	10	50%	10	10	NA
25-3021	Self-Enrichment Education Teachers	400	430	30	8%	50	80	\$22,129
27-2032	Choreographers	60	60	0	0%	30	40	NA
33-1012	First-Line Supervisors/Managers of Police and Detectives	60	70	10	17%	20	30	\$44,687
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	30	40	10	33%	10	20	\$43,991
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	20	20	0	0%	10	10	\$31,449
33-2021	Fire Inspectors and Investigators	90	110	20	22%	30	40	NA
33-3021	Detectives and Criminal Investigators	50	60	10	20%	10	20	\$38,195
33-9021	Private Detectives and Investigators	30	30	0	0%	10	10	\$62,624
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	820	820	0	0%	200	200	\$23,145
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	310	320	10	3%	70	90	\$32,515
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	100	100	0	0%	10	10	\$35,775
39-1021	First-Line Supervisors/Managers of Personal Service Workers	110	120	10	9%	30	30	\$31,047
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	40	10	33%	10	10	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,290	1,240	-50	-4%	230	230	\$32,649
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	270	-10	-4%	50	50	\$61,760
41-9021	Real Estate Brokers	60	50	-10	-17%	10	10	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	880	880	0	0%	190	190	\$38,302
43-4141	New Accounts Clerks	30	40	10	33%	10	10	\$25,357
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	30	30	0	0%	10	10	\$35,361
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	640	680	40	6%	110	150	\$52,788
47-4011	Construction and Building Inspectors	80	110	30	38%	20	50	\$36,922
47-5042	Mine Cutting and Channeling Machine Operators	40	40	0	0%	10	10	\$31,806
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	470	500	30	6%	120	140	\$48,972
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	990	970	-20	-2%	210	210	\$44,054
51-6052	Tailors, Dressmakers, and Custom Sewers	70	60	-10	-14%	10	10	\$18,512
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	200	200	0	0%	50	50	\$41,382
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	250	260	10	4%	60	70	\$45,059

Long-term on-the-job training

13-1031	Claims Adjusters, Examiners, and Investigators	30	30	0	0%	0	10	NA
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	70	80	10	14%	20	30	46,244
27-2022	Coaches and Scouts	120	140	20	17%	20	40	40,734
27-2031	Dancers	20	20	0	0%	10	10	NA

27-2042	Musicians and Singers	150	160	10	7%	30	40	NA
27-3099	Media and Communication Workers, All Other	50	30	-20	-40%	10	10	NA
27-4011	Audio and Video Equipment Technicians	20	30	10	50%	10	10	NA
27-4021	Photographers	80	90	10	13%	20	20	25,380
29-2081	Opticians, Dispensing	70	70	0	0%	10	20	21,979
33-2011	Fire Fighters	440	550	110	25%	130	240	36,810
33-3031	Fish and Game Wardens	30	30	0	0%	10	10	NA
33-3051	Police and Sheriff's Patrol Officers	390	520	130	33%	100	230	34,805
35-2012	Cooks, Institution and Cafeteria	720	650	-70	-10%	220	220	18,291
35-2014	Cooks, Restaurant	650	700	50	8%	200	250	16,897
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	190	210	20	11%	60	70	NA
47-2021	Brickmasons and Blockmasons	120	120	0	0%	20	20	46,629
47-2022	Stonemasons	60	60	0	0%	10	10	30,454
47-2031	Carpenters	1,060	1,120	60	6%	170	230	32,707
47-2051	Cement Masons and Concrete Finishers	150	170	20	13%	30	50	28,503
47-2111	Electricians	560	620	60	11%	110	170	45,509
47-2152	Plumbers, Pipefitters, and Steamfitters	550	590	40	7%	130	170	47,114
47-2161	Plasterers and Stucco Masons	40	40	0	0%	10	10	NA
49-3021	Automotive Body and Related Repairers	120	130	10	8%	30	30	32,769
49-3052	Motorcycle Mechanics	40	40	0	0%	10	10	27,310
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	170	210	40	24%	20	60	NA
49-9031	Home Appliance Repairers	120	130	10	8%	30	40	NA
49-9041	Industrial Machinery Mechanics	190	200	10	5%	40	50	NA
49-9042	Maintenance and Repair Workers, General	1,270	1,410	140	11%	250	390	31,071
49-9043	Maintenance Workers, Machinery	80	80	0	0%	20	20	35,732
49-9044	Millwrights	120	130	10	8%	30	40	NA
49-9051	Electrical Power-Line Installers and Repairers	90	90	0	0%	30	40	44,593
49-9052	Telecommunications Line Installers and Repairers	110	120	10	9%	30	40	37,303
49-9064	Watch Repairers	20	10	-10	-50%	10	10	NA
49-9099	Installation, Maintenance, and Repair Workers, All Other	120	120	0	0%	30	30	34,983
51-3011	Bakers	170	170	0	0%	40	40	18,459
51-3021	Butchers and Meat Cutters	80	70	-10	-13%	20	20	25,753
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	370	410	40	11%	60	100	NA
51-4012	Numerical Tool and Process Control Programmers	20	20	0	0%	0	10	36,705
51-4041	Machinists	210	200	-10	-5%	50	50	41,656
51-4111	Tool and Die Makers	320	280	-40	-13%	70	70	NA
51-5021	Job Printers	30	30	0	0%	10	10	23,922
51-5022	Prepress Technicians and Workers	110	100	-10	-9%	30	30	29,608
51-6041	Shoe and Leather Workers and Repairers	20	20	0	0%	10	10	NA
51-6093	Upholsterers	170	70	-100	-59%	40	40	NA
51-7011	Cabinetmakers and Bench Carpenters	220	210	-10	-5%	50	50	20,848
51-7021	Furniture Finishers	20	20	0	0%	0	0	NA
51-8012	Power Distributors and Dispatchers	60	60	0	0%	20	20	NA
51-8013	Power Plant Operators	20	20	0	0%	0	0	NA
51-8021	Stationary Engineers and Boiler Operators	40	40	0	0%	10	10	37,431
51-8031	Water and Liquid Waste Treatment Plant and System Operators	120	150	30	25%	40	70	33,488
51-8092	Gas Plant Operators	20	20	0	0%	10	10	NA
51-8099	Plant and System Operators, All Other	20	20	0	0%	10	10	39,932
51-9081	Dental Laboratory Technicians	30	30	0	0%	10	10	37,210
Moderate-term on-the-job training								
13-2082	Tax Preparers	100	130	30	30%	20	40	15,187
17-3031	Surveying and Mapping Technicians	30	40	10	33%	10	30	25,465
21-1093	Social and Human Service Assistants	250	350	100	40%	40	150	25,422
23-2093	Title Examiners, Abstractors, and Searchers	120	120	0	0%	10	20	NA
27-1023	Floral Designers	90	80	-10	-11%	10	10	20,325
29-2051	Dietetic Technicians	100	110	10	10%	10	30	18,486
29-2052	Pharmacy Technicians	210	260	50	24%	30	80	21,659
31-9091	Dental Assistants	270	360	90	33%	80	170	26,495
31-9092	Medical Assistants	130	200	70	54%	20	100	24,540
33-3012	Correctional Officers and Jailers	70	90	20	29%	20	30	26,674
37-2021	Pest Control Workers	50	50	0	0%	10	10	24,561
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	90	80	-10	-11%	20	20	NA
39-6021	Tour Guides and Escorts	20	30	10	50%	10	10	NA
39-9041	Residential Advisors	30	30	0	0%	10	10	21,425
39-9099	Personal Care and Service Workers, All Other	50	50	0	0%	10	10	16,913
41-2022	Parts Salespersons	160	150	-10	-6%	50	50	19,908

41-3011	Advertising Sales Agents	110	120	10	9%	20	30	43,835
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	80	90	10	13%	20	30	NA
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	680	720	40	6%	180	220	45,046
41-9011	Demonstrators and Product Promoters	50	50	0	0%	10	20	NA
41-9099	Sales and Related Workers, All Other	220	260	40	18%	40	80	25,884
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,760	1,710	-50	-3%	330	330	25,837
43-4051	Customer Service Representatives	720	770	50	7%	110	160	27,300
43-4061	Eligibility Interviewers, Government Programs	80	70	-10	-13%	20	20	23,857
43-5031	Police, Fire, and Ambulance Dispatchers	130	150	20	15%	30	50	23,137
43-5032	Dispatchers, Except Police, Fire, and Ambulance	80	90	10	13%	20	30	30,827
43-6011	Executive Secretaries and Administrative Assistants	1,010	1,120	110	11%	190	310	33,324
43-6014	Secretaries, Except Legal, Medical, and Executive	1,730	1,580	-150	-9%	330	330	24,537
43-9011	Computer Operators	170	130	-40	-24%	40	40	29,465
43-9021	Data Entry Keyers	250	200	-50	-20%	60	60	22,197
43-9022	Word Processors and Typists	70	40	-30	-43%	20	20	24,389
43-9041	Insurance Claims and Policy Processing Clerks	60	60	0	0%	10	10	23,783
45-2091	Agricultural Equipment Operators	30	40	10	33%	10	10	NA
45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	0%	10	20	NA
45-4023	Log Graders and Scalers	20	20	0	0%	0	0	NA
47-2041	Carpet Installers	20	20	0	0%	0	10	NA
47-2061	Construction Laborers	850	890	40	5%	110	160	29,209
47-2071	Paving, Surfacing, and Tamping Equipment Operators	60	70	10	17%	10	20	27,330
47-2073	Operating Engineers and Other Construction Equipment Operators	920	930	10	1%	240	250	38,670
47-2081	Drywall and Ceiling Tile Installers	50	50	0	0%	10	10	NA
47-2082	Tapers	30	40	10	33%	10	10	NA
47-2141	Painters, Construction and Maintenance	270	270	0	0%	40	40	29,286
47-2151	Pipelayers	160	180	20	13%	40	60	29,575
47-2181	Roofers	90	90	0	0%	20	30	31,007
47-2211	Sheet Metal Workers	100	110	10	10%	20	30	38,158
47-4051	Highway Maintenance Workers	190	210	20	11%	30	50	26,162
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	10	10	34,092
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	300	320	20	7%	110	130	34,111
47-5051	Rock Splitters, Quarry	20	20	0	0%	10	10	NA
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	20	20	0	0%	10	10	NA
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	80	100	20	25%	20	30	38,077
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	60	60	0	0%	10	20	NA
51-2041	Structural Metal Fabricators and Fitters	30	30	0	0%	10	10	NA
51-2091	Fiberglass Laminators and Fabricators	20	30	10	50%	10	10	NA
51-2092	Team Assemblers	3,560	3,000	-560	-16%	920	920	28,530
51-2099	Assemblers and Fabricators, All Other	510	510	0	0%	130	130	26,317
51-3023	Slaughterers and Meat Packers	830	890	60	7%	180	250	NA
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	140	160	20	14%	50	70	25,363
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	160	140	-20	-13%	20	20	NA
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	NA
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	250	230	-20	-8%	60	60	30,342
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30	30	0	0%	10	10	NA
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	120	0	0%	20	20	31,920
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	110	-10	-8%	20	20	24,640
51-4051	Metal-Refining Furnace Operators and Tenders	20	20	0	0%	0	0	NA
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	250	240	-10	-4%	60	60	NA
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	220	150	-70	-32%	60	60	NA
51-4194	Tool Grinders, Filers, and Sharpeners	40	30	-10	-25%	10	10	31,326
51-4199	Metal Workers and Plastic Workers, All Other	80	70	-10	-13%	20	20	48,294
51-5011	Bindery Workers	110	90	-20	-18%	30	30	21,376
51-5023	Printing Machine Operators	190	180	-10	-5%	40	40	27,655
51-6011	Laundry and Dry-Cleaning Workers	140	150	10	7%	40	50	16,583
51-6031	Sewing Machine Operators	180	160	-20	-11%	20	20	20,431
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20%	10	10	NA
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	140	120	-20	-14%	40	40	30,429
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	90	60	-30	-33%	20	20	23,721
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	100	90	-10	-10%	30	30	NA
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	80	70	-10	-13%	20	20	NA
51-9022	Grinding and Polishing Workers, Hand	30	30	0	0%	10	10	27,330
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	150	140	-10	-7%	40	40	31,580
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	180	190	10	6%	40	40	31,800
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	40	40	0	0%	10	10	NA
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20	10	-10	-50%	0	0	NA

51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	720	750	30	4%	170	190	32,847
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	70	0	0%	20	20	26,749
51-9122	Painters, Transportation Equipment	20	20	0	0%	10	10	36,677
51-9131	Photographic Process Workers	30	30	0	0%	10	10	14,813
51-9191	Cementing and Gluing Machine Operators and Tenders	20	30	10	50%	10	10	NA
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	0%	10	10	NA
51-9199	Production Workers, All Other	40	40	0	0%	10	10	40,511
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	40	50	10	25%	0	10	NA
53-3021	Bus Drivers, Transit and Intercity	80	90	10	13%	20	30	21,184
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,010	2,200	190	9%	330	520	32,128
53-7021	Crane and Tower Operators	40	40	0	0%	10	10	34,765
53-7032	Excavating and Loading Machine and Dragline Operators	110	110	0	0%	30	30	30,855
Short-term on-the-job training								
25-4031	Library Technicians	140	170	30	21%	50	80	NA
25-9041	Teacher Assistants	860	970	110	13%	170	280	18,089
31-1011	Home Health Aides	230	310	80	35%	30	110	18,841
31-1012	Nursing Aides, Orderlies, and Attendants	1,750	2,090	340	19%	230	570	19,984
31-1013	Psychiatric Aides	20	20	0	0%	0	0	NA
31-2022	Physical Therapist Aides	30	40	10	33%	10	10	NA
31-9095	Pharmacy Aides	120	130	10	8%	20	40	18,466
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	80	90	10	13%	10	20	17,452
31-9099	Healthcare Support Workers, All Other	120	150	30	25%	20	60	25,455
33-9032	Security Guards	690	730	40	6%	150	190	17,540
33-9099	Protective Service Workers, All Other	40	50	10	25%	30	40	23,054
35-2011	Cooks, Fast Food	810	720	-90	-11%	250	250	13,677
35-2015	Cooks, Short Order	150	150	0	0%	50	50	15,080
35-2021	Food Preparation Workers	840	920	80	10%	300	370	16,493
35-3011	Bartenders	480	480	0	0%	190	190	14,138
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,600	2,780	180	7%	1,130	1,310	14,530
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	380	380	0	0%	250	250	13,614
35-3031	Waiters and Waitresses	1,870	1,990	120	6%	960	1,080	14,758
35-3041	Food Servers, Nonrestaurant	140	180	40	29%	50	80	NA
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	700	750	50	7%	230	290	14,691
35-9021	Dishwashers	400	400	0	0%	140	140	14,746
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	490	520	30	6%	150	190	16,651
35-9099	Food Preparation and Serving Related Workers, All Other	40	40	0	0%	10	10	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,910	2,040	130	7%	360	490	22,442
37-2012	Maids and Housekeeping Cleaners	790	840	50	6%	170	220	15,968
37-3011	Landscaping and Groundskeeping Workers	810	870	60	7%	180	230	19,677
39-2021	Nonfarm Animal Caretakers	120	130	10	8%	30	40	17,560
39-3031	Ushers, Lobby Attendants, and Ticket Takers	70	50	-20	-29%	40	40	13,415
39-3091	Amusement and Recreation Attendants	190	250	60	32%	60	110	15,346
39-4021	Funeral Attendants	70	90	20	29%	20	30	21,364
39-9011	Child Care Workers	1,040	1,060	20	2%	280	310	16,041
39-9021	Personal and Home Care Aides	560	790	230	41%	90	320	17,472
41-2011	Cashiers	3,240	3,180	-60	-2%	1,580	1,580	15,433
41-2021	Counter and Rental Clerks	350	370	20	6%	130	160	18,072
41-2031	Retail Salespersons	3,390	3,480	90	3%	1,230	1,320	18,814
41-9041	Telemarketers	360	320	-40	-11%	60	60	NA
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	60	50	-10	-17%	10	10	NA
43-2011	Switchboard Operators, Including Answering Service	180	170	-10	-6%	50	50	21,365
43-2021	Telephone Operators	80	30	-50	-63%	20	20	NA
43-3011	Bill and Account Collectors	190	220	30	16%	40	70	26,179
43-3021	Billing and Posting Clerks and Machine Operators	250	250	0	0%	40	40	24,755
43-3051	Payroll and Timekeeping Clerks	170	170	0	0%	40	40	27,630
43-3061	Procurement Clerks	90	80	-10	-11%	20	20	30,163
43-3071	Tellers	380	420	40	11%	190	220	19,126
43-4031	Court, Municipal, and License Clerks	60	70	10	17%	10	30	22,797
43-4071	File Clerks	120	110	-10	-8%	40	40	18,978
43-4081	Hotel, Motel, and Resort Desk Clerks	130	150	20	15%	60	80	16,207
43-4111	Interviewers, Except Eligibility and Loan	110	160	50	45%	30	80	NA
43-4121	Library Assistants, Clerical	100	120	20	20%	40	70	NA
43-4131	Loan Interviewers and Clerks	90	70	-20	-22%	10	10	25,236
43-4151	Order Clerks	220	200	-20	-9%	50	50	27,936
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	100	110	10	10%	20	30	28,495
43-4171	Receptionists and Information Clerks	870	1,030	160	18%	210	380	20,835

43-5021	Couriers and Messengers	50	40	-10	-20%	10	10	15,667
43-5051	Postal Service Clerks	70	70	0	0%	20	20	40,932
43-5052	Postal Service Mail Carriers	380	380	0	0%	120	120	41,388
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	130	120	-10	-8%	40	40	37,055
43-5061	Production, Planning, and Expediting Clerks	260	310	50	19%	60	110	32,403
43-5071	Shipping, Receiving, and Traffic Clerks	580	530	-50	-9%	120	120	28,431
43-5081	Stock Clerks and Order Fillers	1,310	1,090	-220	-17%	490	490	19,510
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	70	80	10	14%	20	20	28,232
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	80	70	-10	-13%	20	20	24,367
43-9061	Office Clerks, General	2,550	2,580	30	1%	570	600	21,118
43-9071	Office Machine Operators, Except Computer	20	20	0	0%	10	10	NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	80	70	-10	-13%	30	30	24,149
47-3012	Helpers--Carpenters	140	150	10	7%	60	70	NA
47-3013	Helpers--Electricians	70	80	10	14%	30	30	19,075
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	60	50	-10	-17%	20	20	26,551
47-3016	Helpers--Roofers	20	20	0	0%	10	10	NA
47-3019	Helpers, Construction Trades, All Other	140	140	0	0%	60	60	NA
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	NA
49-3093	Tire Repairers and Changers	140	140	0	0%	60	60	NA
49-9098	Helpers--Installation, Maintenance, and Repair Workers	90	110	20	22%	30	40	21,274
51-2021	Coil Winders, Tapers, and Finishers	20	20	0	0%	10	10	NA
51-2022	Electrical and Electronic Equipment Assemblers	190	50	-140	-74%	40	40	NA
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	100	100	0	0%	20	30	NA
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	20	20	0	0%	10	10	NA
51-3093	Food Cooking Machine Operators and Tenders	30	30	0	0%	10	10	NA
51-6021	Pressers, Textile, Garment, and Related Materials	90	70	-20	-22%	10	10	18,652
51-9031	Cutters and Trimmers, Hand	100	120	20	20%	20	40	31,898
51-9111	Packaging and Filling Machine Operators and Tenders	440	520	80	18%	90	170	27,566
51-9123	Painting, Coating, and Decorating Workers	20	20	0	0%	10	10	NA
51-9132	Photographic Processing Machine Operators	30	30	0	0%	10	10	NA
51-9198	Helpers--Production Workers	200	200	0	0%	60	60	20,204
53-3022	Bus Drivers, School	670	640	-30	-4%	150	150	23,807
53-3031	Driver/Sales Workers	690	640	-50	-7%	110	110	15,933
53-3033	Truck Drivers, Light or Delivery Services	660	690	30	5%	60	100	22,569
53-3041	Taxi Drivers and Chauffeurs	170	240	70	41%	20	90	15,364
53-3099	Motor Vehicle Operators, All Other	60	60	0	0%	10	10	36,465
53-6031	Service Station Attendants	30	30	0	0%	20	20	18,365
53-6099	Transportation Workers, All Other	20	20	0	0%	10	10	31,218
53-7011	Conveyor Operators and Tenders	50	50	0	0%	10	10	24,466
53-7033	Loading Machine Operators, Underground Mining	20	10	-10	-50%	10	10	NA
53-7051	Industrial Truck and Tractor Operators	530	530	0	0%	100	100	33,243
53-7061	Cleaners of Vehicles and Equipment	210	210	0	0%	70	70	14,548
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,340	1,290	-50	-4%	440	440	20,799
53-7063	Machine Feeders and Offbearers	200	190	-10	-5%	50	50	22,346
53-7064	Packers and Packagers, Hand	660	670	10	2%	120	130	19,006
53-7081	Refuse and Recyclable Material Collectors	110	120	10	9%	30	30	28,884

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.
- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.
- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 08

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	Average Hourly Wage	Average Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	PERCENTILE									
								10th		25th		Median (50th)		75th		90th	
		Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual
00-0000	Total, All Occupations	\$15.35	\$31,923	\$7.44	\$15,484	\$19.30	\$40,142	\$6.56	\$13,642	\$8.50	\$17,678	\$12.50	\$26,008	\$19.39	\$40,321	\$27.48	\$57,158
11-0000	Management Occupations	\$32.36	\$67,308	\$15.70	\$32,662	\$40.69	\$84,631	\$13.55	\$28,191	\$19.51	\$40,578	\$28.10	\$58,456	\$39.81	\$82,813	\$56.62	\$117,778
11-1000	Top Executives	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-1011	Chief Executives	\$48.28	\$100,414	\$12.92	\$26,878	\$65.95	\$137,182	\$6.60	\$13,733	\$19.03	\$39,578	\$40.53	\$84,302	\$0.00	\$0	\$0.00	\$0
11-1021	General and Operations Managers	\$39.46	\$82,066	\$19.31	\$40,169	\$49.53	\$103,015	\$16.84	\$35,037	\$23.24	\$48,349	\$33.60	\$69,893	\$49.38	\$102,707	\$0.00	\$0
11-1031	Legislators	\$9.10	\$18,921	\$5.90	\$12,268	\$10.70	\$22,248	\$5.50	\$11,441	\$5.88	\$12,223	\$6.47	\$13,453	\$15.18	\$31,581	\$17.50	\$36,410
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-2011	Advertising and Promotions Managers	\$22.95	\$47,745	\$19.88	\$41,351	\$24.49	\$50,942	\$18.75	\$39,009	\$19.87	\$41,329	\$21.74	\$45,220	\$25.08	\$52,163	\$28.99	\$60,298
11-2021	Marketing Managers	\$30.59	\$63,634	\$17.55	\$36,502	\$37.12	\$77,200	\$16.18	\$33,645	\$19.11	\$39,757	\$27.26	\$56,710	\$39.13	\$81,394	\$45.43	\$94,503
11-2022	Sales Managers	\$39.09	\$81,300	\$21.34	\$44,379	\$47.96	\$99,760	\$19.78	\$41,150	\$23.21	\$48,282	\$31.99	\$66,537	\$50.16	\$104,328	\$69.73	\$145,032
11-2031	Public Relations Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3000	Operations Specialties Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3011	Administrative Services Managers	\$28.52	\$59,331	\$16.77	\$34,890	\$34.40	\$71,551	\$15.20	\$31,619	\$19.25	\$40,038	\$23.92	\$49,749	\$30.34	\$63,102	\$49.86	\$103,706
11-3021	Computer and Information Systems Managers	\$32.50	\$67,604	\$21.91	\$45,571	\$37.80	\$78,621	\$19.62	\$40,801	\$24.77	\$51,518	\$31.56	\$65,636	\$37.82	\$78,672	\$48.53	\$100,952
11-3031	Financial Managers	\$38.95	\$81,023	\$21.33	\$44,360	\$47.77	\$99,354	\$19.21	\$39,966	\$26.31	\$54,718	\$36.87	\$76,684	\$50.27	\$104,566	\$60.69	\$126,228
11-3040	Human Resources Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3051	Industrial Production Managers	\$31.20	\$64,897	\$22.03	\$45,827	\$35.78	\$74,432	\$19.82	\$41,232	\$24.50	\$50,969	\$29.95	\$62,299	\$37.03	\$77,032	\$45.08	\$93,769
11-3061	Purchasing Managers	\$32.18	\$66,930	\$23.68	\$49,245	\$36.43	\$75,773	\$22.17	\$46,121	\$26.19	\$54,479	\$30.64	\$63,738	\$34.86	\$72,515	\$47.13	\$98,032
11-3071	Transportation, Storage, and Distribution Managers	\$31.66	\$65,861	\$20.67	\$42,989	\$37.16	\$77,297	\$17.97	\$37,376	\$23.31	\$48,482	\$28.82	\$59,955	\$39.97	\$83,139	\$48.29	\$100,441
11-9000	Other Management Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9021	Construction Managers	\$32.37	\$67,332	\$22.01	\$45,773	\$37.55	\$78,111	\$20.07	\$41,744	\$23.89	\$49,699	\$28.96	\$60,237	\$35.58	\$74,008	\$51.77	\$107,685
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$20.90	\$43,471	\$12.04	\$25,051	\$25.33	\$52,681	\$8.72	\$18,131	\$15.35	\$31,937	\$19.51	\$40,570	\$25.57	\$53,178	\$37.46	\$77,906
11-9032	Education Administrators, Elementary and Secondary School	\$0.00	\$72,257	NA	\$57,180	NA	\$79,795	NA	\$55,475	NA	\$62,444	NA	\$69,396	NA	\$81,255	NA	\$92,900
11-9033	Education Administrators, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9039	Education Administrators, All Other	\$25.74	\$53,540	\$16.44	\$34,185	\$30.39	\$63,217	\$12.55	\$26,108	\$20.85	\$43,365	\$27.70	\$57,611	\$32.63	\$67,866	\$35.64	\$74,141
11-9041	Engineering Managers	\$35.14	\$73,084	\$26.45	\$55,025	\$39.48	\$82,113	\$25.29	\$52,597	\$28.57	\$59,435	\$35.71	\$74,272	\$42.14	\$87,661	\$46.16	\$96,014
11-9051	Food Service Managers	\$14.28	\$29,710	\$10.59	\$22,037	\$16.13	\$33,546	\$9.26	\$19,264	\$11.94	\$24,840	\$13.79	\$28,693	\$16.26	\$33,819	\$20.24	\$42,103
11-9061	Funeral Directors	\$39.57	\$82,307	\$20.47	\$42,576	\$49.12	\$102,172	\$17.78	\$36,993	\$23.29	\$48,449	\$29.52	\$61,400	\$44.40	\$92,346	\$0.00	\$0
11-9081	Lodging Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9111	Medical and Health Services Managers	\$27.19	\$56,554	\$18.26	\$37,988	\$31.65	\$65,838	\$16.91	\$35,171	\$21.01	\$43,691	\$26.39	\$54,888	\$33.61	\$69,917	\$40.43	\$84,102
11-9121	Natural Sciences Managers	\$27.52	\$57,238	\$22.61	\$47,039	\$29.97	\$62,338	\$21.07	\$43,826	\$22.94	\$47,721	\$25.30	\$52,620	\$28.33	\$58,928	\$38.22	\$79,497
11-9131	Postmasters and Mail Superintendents	\$23.56	\$49,005	\$16.81	\$34,963	\$26.94	\$56,027	\$14.90	\$30,992	\$19.53	\$40,625	\$23.85	\$49,613	\$27.12	\$56,408	\$32.33	\$67,236
11-9141	Property, Real Estate, and Community Association Managers	\$20.00	\$41,590	\$14.69	\$30,563	\$22.65	\$47,104	\$13.64	\$28,373	\$16.19	\$33,667	\$20.09	\$41,788	\$23.42	\$48,715	\$26.07	\$54,231
11-9151	Social and Community Service Managers	\$20.04	\$41,688	\$12.64	\$26,294	\$23.74	\$49,385	\$12.26	\$25,493	\$13.74	\$28,581	\$18.44	\$38,365	\$24.20	\$50,340	\$33.21	\$69,079
11-9199	Managers, All Other	\$33.02	\$68,688	\$20.87	\$43,401	\$39.10	\$81,331	\$18.20	\$37,857	\$24.66	\$51,292	\$33.50	\$69,672	\$41.69	\$86,720	\$47.24	\$98,263
13-0000	Business and Financial Operations Occupations	\$23.11	\$48,065	\$12.60	\$26,199	\$28.36	\$58,997	\$10.96	\$22,797	\$15.77	\$32,802	\$22.04	\$45,843	\$29.16	\$60,645	\$36.76	\$76,471
13-1000	Business Operations Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$17.65	\$36,708	\$11.06	\$23,015	\$20.94	\$43,555	\$10.32	\$21,476	\$12.36	\$25,710	\$16.85	\$35,040	\$22.42	\$46,639	\$26.13	\$54,354
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$23.99	\$49,891	\$0.00	\$30,348	\$28.68	\$59,662	\$13.35	\$27,771	\$16.18	\$33,649	\$22.40	\$46,585	\$30.58	\$63,609	\$37.98	\$79,000
13-1031	Claims Adjusters, Examiners, and Investigators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Tr	\$22.23	\$46,244	\$11.71	\$24,358	\$27.49	\$57,187	\$9.59	\$19,954	\$14.43	\$30,011	\$19.01	\$39,532	\$32.48	\$67,554	\$38.97	\$81,064
13-1051	Cost Estimators	\$22.78	\$47,383	\$15.14	\$31,497	\$26.60	\$55,326	\$14.65	\$30,472	\$16.56	\$34,450	\$22.64	\$47,099	\$27.48	\$57,148	\$33.03	\$68,710
13-1061	Emergency Management Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1071	Employment, Recruitment, and Placement Specialists	\$18.29	\$38,034	\$10.73	\$22,310	\$22.07	\$45,896	\$9.77	\$20,315	\$11.75	\$24,442	\$16.06	\$33,408	\$21.77	\$45,288	\$32.00	\$66,562
13-1072	Compensation, Benefits, and Job Analysis Specialists	\$19.12	\$39,768	\$11.75	\$24,443	\$22.80	\$47,430	\$11.01	\$22,891	\$12.91	\$26,852	\$17.21	\$35,791	\$24.81	\$51,610	\$28.86	\$60,022
13-1073	Training and Development Specialists	\$18.73	\$38,967	\$9.35	\$19,450	\$23.43	\$48,725	\$6.96	\$14,476	\$11.64	\$24,221	\$17.80	\$37,018	\$24.52	\$51,005	\$32.01	\$66,580
13-1111	Management Analysts	\$31.59	\$65,715	\$20.19	\$41,995	\$37.30	\$77,575	\$18.88	\$39,262	\$24.39	\$50,740	\$30.11	\$62,623	\$36.73	\$74,408	\$43.28	\$90,021
13-1121	Meeting and Convention Planners	\$15.89	\$33,048	\$9.34	\$19,431	\$19.16	\$39,857	\$8.13	\$16,901	\$10.41	\$21,661	\$16.09	\$33,464	\$19.88	\$41,360	\$24.86	\$51,714
13-1199	Business Operations Specialists, All Other	\$26.87	\$55,892	\$17.28	\$35,943	\$31.67	\$65,867	\$14.24	\$29,614	\$21.77	\$45,283	\$27.28	\$56,742	\$33.11	\$68,862	\$39.31	\$81,770
13-2000	Financial Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-2011	Accountants and Auditors	\$23.86	\$49,623	\$15.56	\$32,362	\$28.01	\$58,253	\$13.36	\$27,791	\$17.94	\$37,321	\$22.33	\$46,450	\$27.61	\$57,436	\$35.19	\$73,195
13-2021	Appraisers and Assessors of Real Estate	\$13.70	\$28,488	\$6.05	\$12,574	\$17.52	\$36,444	\$5.76	\$11,982	\$6.31	\$13,119	\$10.06	\$20,916	\$13.43	\$27,933	\$29.06	\$60,437
13-2031	Budget Analysts	\$27.95	\$58,127	\$19.24	\$40,028	\$32.30	\$67,177	\$17.61	\$36,634	\$21.98	\$45,717	\$28.22	\$58,694	\$33.40	\$69,468	\$37.79	\$78,609
13-2041	Credit Analysts	\$21.35	\$44,411	\$14.75	\$30,681	\$24.65	\$51,276	\$13.83	\$28,766	\$15.36	\$31,939	\$17.77	\$36,952	\$25.82	\$53,711	\$35.05	\$72,913
13-2051	Financial Analysts	\$21.34	\$44,379	\$14.70	\$30,573	\$24.65	\$51,282	\$14.18	\$29,499	\$16.53	\$34,386	\$20.20	\$42,011	\$24.88	\$51,744	\$32.07	\$66,715
13-2052	Personal Financial Advisors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-2071	Loan Counselors	\$19.99	\$41,575	\$12.94	\$26,924	\$23.51	\$48,901	\$12.27	\$25,515	\$13.21	\$27,483	\$19.17	\$39,870	\$24.92	\$51,842	\$33.82	\$7

15-1031	Computer Software Engineers, Applications	\$31.97	\$66,493	\$23.71	\$49,309	\$36.10	\$75,084	\$21.48	\$44,684	\$26.57	\$55,262	\$31.71	\$65,964	\$36.36	\$75,634	\$43.03	\$89,501
15-1032	Computer Software Engineers, Systems Software	\$27.50	\$57,210	\$22.33	\$46,439	\$30.09	\$62,595	\$20.44	\$42,509	\$23.67	\$49,233	\$28.07	\$58,392	\$32.18	\$66,944	\$34.62	\$72,002
15-1041	Computer Support Specialists	\$17.39	\$36,163	\$12.00	\$24,952	\$20.08	\$41,768	\$10.73	\$22,313	\$13.72	\$28,530	\$17.16	\$35,684	\$21.41	\$44,534	\$25.04	\$52,091
15-1051	Computer Systems Analysts	\$25.93	\$53,926	\$18.21	\$37,876	\$29.78	\$61,951	\$16.78	\$34,900	\$20.26	\$42,131	\$25.43	\$52,890	\$31.57	\$65,661	\$36.93	\$76,823
15-1061	Database Administrators	\$21.24	\$44,187	\$17.27	\$35,928	\$23.23	\$48,317	\$15.64	\$32,524	\$18.54	\$38,570	\$20.67	\$42,986	\$23.21	\$48,271	\$28.31	\$58,880
15-1071	Network and Computer Systems Administrators	\$23.36	\$48,588	\$17.08	\$35,518	\$26.50	\$55,123	\$15.25	\$31,726	\$19.15	\$39,841	\$22.83	\$47,478	\$27.82	\$57,826	\$33.00	\$68,632
15-1081	Network Systems and Data Communications Analysts	\$23.89	\$49,691	\$16.72	\$34,767	\$27.48	\$57,153	\$15.39	\$32,020	\$18.19	\$37,830	\$24.05	\$50,028	\$29.99	\$62,380	\$33.32	\$69,312
15-1099	Computer Specialists, All Other	\$17.29	\$35,959	\$9.58	\$19,936	\$21.14	\$43,971	\$8.42	\$17,514	\$11.29	\$23,486	\$16.23	\$33,752	\$21.45	\$44,607	\$29.45	\$61,263
15-2000	Mathematical Scientists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15-2021	Mathematicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15-2031	Operations Research Analysts	\$32.20	\$66,968	\$24.90	\$51,797	\$35.84	\$74,553	\$23.11	\$48,067	\$26.89	\$55,933	\$33.18	\$69,022	\$38.49	\$80,066	\$41.70	\$86,729
15-2041	Statisticians	\$26.83	\$55,799	\$12.68	\$26,366	\$33.90	\$70,516	\$10.33	\$21,093	\$15.83	\$32,935	\$31.25	\$64,990	\$36.58	\$76,083	\$40.86	\$84,996
17-0000	Architecture and Engineering Occupations	\$29.02	\$60,372	\$18.33	\$38,135	\$34.37	\$71,490	\$15.15	\$31,507	\$22.32	\$46,419	\$29.90	\$62,198	\$36.72	\$76,375	\$41.67	\$86,667
17-1000	Architects, Surveyors, and Cartographers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-1011	Architects, Except Landscape and Naval	\$27.64	\$57,495	\$17.75	\$36,918	\$32.59	\$67,784	\$16.11	\$33,500	\$18.94	\$39,386	\$22.19	\$46,152	\$32.67	\$67,945	\$42.72	\$88,848
17-1022	Surveyors	\$14.97	\$31,141	\$9.22	\$19,169	\$17.85	\$37,128	\$8.66	\$18,003	\$10.37	\$21,563	\$14.70	\$30,572	\$18.50	\$38,489	\$21.40	\$44,518
17-2000	Engineers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-2031	Biomedical Engineers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-2041	Chemical Engineers	\$35.25	\$73,317	\$28.91	\$60,128	\$38.42	\$79,912	\$28.20	\$58,660	\$31.62	\$65,760	\$36.42	\$75,755	\$40.32	\$83,859	\$42.65	\$88,721
17-2051	Civil Engineers	\$27.31	\$56,802	\$18.55	\$38,594	\$31.69	\$65,906	\$14.44	\$30,045	\$22.07	\$45,908	\$26.07	\$54,221	\$33.65	\$70,001	\$41.43	\$86,181
17-2061	Computer Hardware Engineers	\$26.61	\$55,358	\$20.94	\$43,552	\$29.45	\$61,260	\$19.00	\$39,511	\$22.53	\$46,857	\$26.00	\$54,090	\$30.80	\$64,055	\$36.74	\$76,423
17-2071	Electrical Engineers	\$28.21	\$58,669	\$19.82	\$41,235	\$32.40	\$67,386	\$18.19	\$37,844	\$22.83	\$47,491	\$28.35	\$58,973	\$34.73	\$72,231	\$40.23	\$83,684
17-2072	Electronics Engineers, Except Computer	\$35.19	\$73,185	\$27.17	\$56,512	\$39.19	\$81,522	\$24.93	\$51,857	\$30.15	\$62,710	\$36.68	\$76,288	\$40.81	\$84,894	\$43.30	\$90,057
17-2112	Industrial Engineers	\$31.51	\$65,540	\$22.50	\$46,794	\$36.02	\$74,912	\$20.76	\$43,191	\$24.85	\$51,688	\$30.75	\$63,963	\$37.96	\$78,967	\$42.85	\$89,120
17-2141	Mechanical Engineers	\$34.75	\$72,288	\$28.41	\$59,093	\$37.93	\$78,885	\$27.51	\$57,225	\$30.78	\$64,017	\$35.69	\$74,241	\$40.08	\$83,366	\$42.71	\$88,840
17-2199	Engineers, All Other	\$24.34	\$50,626	\$10.89	\$22,661	\$31.06	\$64,609	\$10.02	\$20,851	\$12.02	\$25,005	\$25.13	\$52,263	\$33.53	\$69,739	\$41.32	\$85,938
17-3000	Drafters, Engineering, and Mapping Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-3011	Architectural and Civil Drafters	\$17.40	\$36,183	\$12.91	\$26,857	\$19.64	\$40,847	\$10.90	\$22,674	\$14.70	\$30,571	\$17.26	\$35,909	\$20.26	\$42,139	\$22.28	\$46,344
17-3012	Electrical and Electronics Drafters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-3013	Mechanical Drafters	\$18.48	\$38,446	\$13.68	\$28,449	\$20.89	\$43,445	\$12.18	\$25,331	\$15.06	\$31,322	\$17.78	\$36,989	\$21.46	\$44,644	\$26.27	\$54,639
17-3023	Electrical and Electronic Engineering Technicians	\$25.56	\$53,167	\$16.32	\$33,944	\$30.18	\$62,778	\$14.08	\$29,289	\$19.19	\$39,923	\$27.51	\$57,225	\$31.94	\$66,427	\$35.25	\$73,317
17-3024	Electro-Mechanical Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-3026	Industrial Engineering Technicians	\$24.58	\$51,135	\$13.86	\$28,829	\$29.95	\$62,288	\$12.37	\$25,732	\$15.96	\$33,206	\$24.60	\$51,171	\$32.47	\$67,541	\$39.48	\$82,108
17-3027	Mechanical Engineering Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-3031	Surveying and Mapping Technicians	\$12.24	\$25,465	\$9.00	\$18,711	\$13.87	\$28,841	\$8.57	\$17,820	\$9.87	\$20,520	\$11.91	\$24,764	\$14.47	\$30,093	\$16.40	\$34,122
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-0000	Life, Physical, and Social Science Occupations	\$25.87	\$53,820	\$15.04	\$31,294	\$31.29	\$65,083	\$13.49	\$28,068	\$17.35	\$36,096	\$24.29	\$50,533	\$32.25	\$67,087	\$41.46	\$86,244
19-1000	Life Scientists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-1010	Agricultural and Food Scientists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-1022	Microbiologists	\$22.11	\$45,988	\$16.50	\$34,325	\$24.91	\$51,820	\$15.28	\$31,783	\$17.45	\$36,303	\$21.00	\$43,672	\$25.43	\$52,903	\$30.61	\$63,661
19-1031	Conservation Scientists	\$22.41	\$46,622	\$18.98	\$39,485	\$24.13	\$50,191	\$17.81	\$37,043	\$18.97	\$39,466	\$20.92	\$43,505	\$26.14	\$54,374	\$30.98	\$64,435
19-1032	Foresters	\$25.38	\$52,801	\$16.74	\$34,825	\$29.71	\$61,788	\$15.42	\$32,073	\$17.86	\$37,139	\$23.55	\$48,990	\$33.65	\$69,996	\$39.44	\$82,027
19-1042	Medical Scientists, Except Epidemiologists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-2000	Physical Scientists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-2012	Physicists	\$35.50	\$73,840	\$30.45	\$63,339	\$38.02	\$79,091	\$28.92	\$60,153	\$31.36	\$65,219	\$35.60	\$74,057	\$40.31	\$83,852	\$43.06	\$89,571
19-2031	Chemists	\$32.47	\$67,541	\$23.13	\$48,118	\$37.14	\$77,252	\$22.08	\$45,921	\$26.42	\$54,959	\$32.98	\$68,596	\$39.36	\$81,862	\$43.69	\$90,880
19-2041	Environmental Scientists and Specialists, Including Health	\$29.72	\$61,810	\$15.43	\$32,099	\$36.86	\$76,666	\$14.47	\$30,100	\$16.52	\$34,370	\$22.82	\$47,469	\$31.26	\$65,017	\$49.14	\$102,216
19-3000	Social Scientists and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-3021	Market Research Analysts	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-3031	Clinical, Counseling, and School Psychologists	\$26.13	\$54,355	\$16.86	\$35,066	\$30.77	\$63,999	\$15.12	\$31,450	\$18.65	\$38,798	\$22.09	\$45,958	\$29.26	\$60,862	\$36.42	\$75,743
19-3041	Sociologists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-4000	Life, Physical, and Social Science Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-4021	Biological Technicians	\$16.22	\$33,732	\$11.02	\$22,922	\$18.82	\$39,137	\$10.32	\$21,456	\$12.20	\$25,375	\$15.60	\$32,448	\$20.19	\$41,988	\$24.10	\$50,138
19-4031	Chemical Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-4099	Life, Physical, and Social Science Technicians, All Other	\$18.02	\$37,485	\$12.14	\$25,248	\$20.96	\$43,604	\$11.70	\$24,343	\$12.96	\$26,955	\$16.12	\$33,530	\$21.35	\$44,406	\$28.81	\$59,930
21-0000	Community and Social Services Occupations	\$15.44	\$32,114	\$10.02	\$20,840	\$18.15	\$37,751	\$9.22	\$19,179	\$11.24	\$23,372	\$14.80	\$30,775	\$18.39	\$38,244	\$23.11	\$48,063
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialist	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-1012	Educational, Vocational, and School Counselors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-1013	Marriage and Family Therapists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-1014	Mental Health Counselors	\$16.01	\$33,299	\$10.03	\$20,872	\$19.00	\$39,512	\$9.51	\$19,781	\$10.34	\$21,506	\$14.08	\$29,280	\$17.28	\$35,940	\$34.79	\$72,355
21-1015	Rehabilitation Counselors	\$10.07	\$20,936	\$8.21	\$17,072	\$10.99	\$22,867	\$7.56	\$15,730	\$8.71	\$18,112	\$9.99	\$20,772	\$11.22	\$23,328	\$12.93	\$26,884
21-1021	Child, Family, and School Social Workers	\$14.14	\$29,418	\$10.37	\$21,569	\$16.03	\$33,342	\$9.73	\$20,228	\$11.15	\$23,200	\$13.97	\$29,064	\$16.53	\$34,378	\$19.72	\$41,013
21-1022	Medical and Public Health Social Workers	\$17.43	\$36,258	\$11.80	\$24,554	\$20.25	\$42,110	\$10.67	\$22,203	\$13.26	\$27,578	\$17.69	\$36,794	\$21.50	\$44,729	\$24.89	\$51,771
21-1023	Mental Health and Substance Abuse Social Workers	\$16.93	\$35,216	\$13.49	\$28,057	\$18.65	\$38,796	\$15.55	\$26,104	\$14.10	\$29,325	\$16.08	\$33,446	\$19.02	\$39,559	\$23.26	\$48,379
21-1092	Probation Officers and Correctional Treatment Specialists	\$14.67	\$30,521	\$12.66	\$26,330	\$15.68	\$32,616	\$11.82	\$24,590	\$13.73	\$28,563	\$15.03	\$31,272	\$16.26	\$33,829	\$17.00	\$35,369
21-1093	Social and Human Service Assistants	\$12.22	\$25,422	\$8.70	\$18,089	\$13.99	\$29,089	\$7.83	\$16,288	\$9.57	\$19,898	\$11.54	\$23,995	\$14.58	\$30,327	\$18.14	\$37,738
21-2000	Religious Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-2011	Clergy	\$16.54	\$34,411	\$9.47	\$19,702	\$20.08	\$41,766	\$9.24	\$19,213	\$10.55	\$21,953	\$15.92	\$33,122	\$21.66	\$45,060	\$25.98	\$54,028
21-9000	Miscellaneous Counselors, Social, & Religious Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23-0000	Legal Occupations	\$21.02	\$43,727	\$10.49	\$21,815	\$26.29	\$54,682	\$9.74	\$20,257	\$12.11							

25-1000	Postsecondary Teachers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1011	Business Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1021	Computer Science Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1022	Mathematical Science Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1042	Biological Science Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1052	Chemistry Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1054	Physics Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1063	Economics Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1065	Political Science Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1066	Psychology Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1067	Sociology Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1071	Health Specialties Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1081	Education Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1082	Library Science Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1112	Law Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1121	Art, Drama, and Music Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1122	Communications Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1123	English Language and Literature Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1124	Foreign Language and Literature Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1125	History Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1126	Philosophy and Religion Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1191	Graduate Teaching Assistants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1199	Postsecondary Teachers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2000	Primary, Secondary, and Special Education School Teachers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2011	Preschool Teachers, Except Special Education	\$8.94	\$18,585	\$6.03	\$12,550	\$10.39	\$21,602	\$5.83	\$12,125	\$6.57	\$13,667	\$8.01	\$16,668	\$10.77	\$22,397	\$13.34	\$27,751	
25-2012	Kindergarten Teachers, Except Special Education	\$0.00	\$45,882	NA	\$32,906	NA	\$52,370	NA	\$30,869	NA	\$36,323	NA	\$45,731	NA	\$56,353	NA	\$64,242	
25-2021	Elementary School Teachers, Except Special Education	\$0.00	\$43,938	NA	\$30,984	NA	\$50,414	NA	\$28,970	NA	\$35,996	NA	\$46,265	NA	\$52,871	NA	\$57,139	
25-2022	Middle School Teachers, Except Special and Vocational Education	\$0.00	\$46,103	NA	\$34,787	NA	\$51,761	NA	\$32,298	NA	\$38,802	NA	\$48,732	NA	\$54,458	NA	\$57,916	
25-2031	Secondary School Teachers, Except Special and Vocational Education	\$0.00	\$45,814	NA	\$33,214	NA	\$52,115	NA	\$30,861	NA	\$37,482	NA	\$46,875	NA	\$54,803	NA	\$61,646	
25-2032	Vocational Education Teachers, Secondary School	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	\$0.00	\$41,780	NA	\$31,459	NA	\$46,940	NA	\$30,194	NA	\$32,983	NA	\$40,401	NA	\$51,011	NA	\$56,025	
25-2042	Special Education Teachers, Middle School	\$0.00	\$43,320	NA	\$30,385	NA	\$49,788	NA	\$28,661	NA	\$32,509	NA	\$44,730	NA	\$54,006	NA	\$58,542	
25-2043	Special Education Teachers, Secondary School	\$0.00	\$42,860	NA	\$31,011	NA	\$48,785	NA	\$29,540	NA	\$32,924	NA	\$41,956	NA	\$52,667	NA	\$58,327	
25-3000	Other Teachers and Instructors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	\$11.62	\$24,167	\$7.60	\$15,809	\$13.63	\$28,347	\$6.29	\$13,088	\$9.11	\$18,943	\$10.72	\$22,307	\$15.60	\$32,441	\$17.07	\$35,499	
25-3021	Self-Enrichment Education Teachers	\$10.64	\$22,129	\$6.66	\$13,860	\$12.63	\$26,263	\$6.15	\$12,800	\$7.17	\$14,917	\$8.42	\$17,513	\$10.84	\$22,556	\$21.54	\$44,810	
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-4000	Librarians, Curators, and Archivists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-4021	Librarians	\$23.66	\$49,207	\$15.29	\$31,803	\$27.84	\$57,909	\$13.96	\$29,041	\$17.82	\$37,062	\$23.85	\$49,613	\$28.08	\$58,408	\$34.40	\$71,558	
25-4031	Library Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-9000	Other Education, Training, and Library Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-9031	Instructional Coordinators	\$24.84	\$51,665	\$10.80	\$22,460	\$31.86	\$66,267	\$9.84	\$20,461	\$12.45	\$25,899	\$21.10	\$43,885	\$37.95	\$78,930	\$43.90	\$91,309	
25-9041	Teacher Assistants	\$0.00	\$18,089	NA	\$14,033	NA	\$20,118	NA	\$12,946	NA	\$15,158	NA	\$18,156	NA	\$21,097	NA	\$23,240	
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	\$7.00	\$34,839	\$7.98	\$16,606	\$21.13	\$43,955	\$6.69	\$13,915	\$9.68	\$20,137	\$14.55	\$30,272	\$20.81	\$43,283	\$30.18	\$62,779	
27-1000	Art and Design Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1011	Art Directors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1014	Multi-Media Artists and Animators	\$20.78	\$43,216	\$11.32	\$23,542	\$25.51	\$53,052	\$8.95	\$18,624	\$13.49	\$28,065	\$19.63	\$40,825	\$26.74	\$55,621	\$36.02	\$74,926	
27-1021	Commercial and Industrial Designers	\$23.66	\$49,222	\$11.29	\$23,484	\$29.85	\$62,092	\$10.47	\$21,784	\$12.55	\$26,104	\$23.90	\$49,720	\$29.65	\$61,671	\$33.35	\$69,361	
27-1023	Floral Designers	\$9.77	\$20,325	\$7.29	\$15,154	\$11.01	\$22,911	\$7.01	\$14,588	\$7.67	\$15,952	\$8.95	\$18,611	\$11.85	\$24,648	\$13.37	\$27,804	
27-1024	Graphic Designers	\$17.89	\$37,202	\$11.42	\$23,757	\$21.12	\$43,925	\$10.65	\$22,160	\$12.70	\$26,411	\$15.99	\$33,258	\$23.87	\$49,650	\$27.36	\$56,919	
27-1025	Interior Designers	\$20.16	\$41,941	\$16.09	\$33,467	\$22.20	\$46,178	\$10.74	\$22,345	\$18.40	\$38,269	\$20.18	\$41,983	\$22.15	\$46,080	\$27.20	\$56,584	
27-1099	Art and Design Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2000	Entertainers and Performers, Sports and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2012	Producers and Directors	\$0.00	\$34,724	NA	\$18,144	NA	\$43,015	NA	\$13,154	NA	\$24,101	NA	\$28,258	NA	\$45,724	NA	\$67,016	
27-2022	Coaches and Scouts	\$0.00	\$40,734	NA	\$14,261	NA	\$53,971	NA	\$13,437	NA	\$16,068	NA	\$29,082	NA	\$58,473	NA	\$83,890	
27-2031	Dancers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2032	Choreographers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2042	Musicians and Singers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3000	Media and Communication Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3010	Announcers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3020	News Analysts, Reporters and Correspondents	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3031	Public Relations Specialists	\$17.64	\$36,693	\$10.32	\$21,464	\$21.30	\$44,308	\$9.16	\$19,050	\$12.53	\$26,057	\$16.39	\$34,091	\$21.53	\$44,784	\$28.00	\$58,243	
27-3041	Editors	\$18.32	\$38,105	\$12.44	\$25,867	\$21.26	\$44,224	\$11.44	\$23,793	\$14.24	\$29,614	\$16.82	\$34,980	\$21.13	\$43,951	\$27.96	\$58,155	
27-3042	Technical Writers	\$22.14	\$46,051	\$16.47	\$34,254	\$24.98	\$51,949	\$15.45	\$32,139	\$17.41	\$36,222	\$21.61	\$44,950	\$26.43	\$54,975	\$31.52	\$65,561	
27-3043	Writers and Authors	\$20.42	\$42,482	\$15.39	\$32,017	\$22.94	\$47,715	\$14.70	\$30,586	\$16.89	\$35,141	\$19.84	\$41,259	\$22.19	\$46,156	\$30.69	\$63,840	
27-3099	Media and Communication Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4000	Media and Communication Equipment Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4011	Audio and Video Equipment Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4012	Broadcast Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4021	Photographers	\$12.20	\$25,380	\$7.79	\$16,210	\$14.41	\$29,965	\$6.76	\$14,061	\$9.00	\$18,730	\$12.12	\$25,200	\$14.68	\$30,539	\$17.82	\$37,066	
29-0000	Healthcare Practitioners and Technical Occupations	\$21.75	\$45,240	\$11.98	\$24,927	\$26.63	\$55,397	\$10.32	\$21,459	\$14.10	\$29,329	\$18.74	\$38,979	\$25.32	\$52,665	\$34.91	\$72,622	
29-1000	Health Diagnosing and Treating Practitioners	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1011	Chiropractors	\$33.26	\$69,191	\$14.48	\$30,117	\$42.66	\$88,727	\$10.07	\$20,941	\$20.67	\$42,994	\$36.75	\$76,437	\$34.55	\$88,096	\$45.72	\$95,091	
29-1031	Dietitians and Nutritionists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1051	Pharmacists	\$39.90	\$82,997	\$35.68	\$74,214	\$42.01	\$87,388	\$35.59	\$74,037	\$37.73	\$78,483	\$40.85	\$84,970	\$43.99	\$91,508	\$48.38	\$100,639	
29-1061	Anesthesiologists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

29-1062	Family and General Practitioners	\$78.61	\$163,504	\$58.73	\$122,161	\$88.55	\$184,175	\$58.94	\$122,605	\$64.07	\$133,273	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
29-1064	Obstetricians and Gynecologists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1067	Surgeons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1071	Physician Assistants	\$16.17	\$33,627	\$8.88	\$18,465	\$19.81	\$41,208	\$8.11	\$16,865	\$9.57	\$19,914	\$12.06	\$25,075	\$25.83	\$53,733	\$31.69	\$65,917
29-1081	Podiatrists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1111	Registered Nurses	\$22.63	\$47,072	\$17.51	\$36,429	\$25.19	\$52,393	\$16.15	\$33,593	\$18.71	\$38,911	\$21.70	\$45,137	\$26.36	\$54,828	\$32.21	\$67,000
29-1122	Occupational Therapists	\$26.10	\$54,292	\$20.96	\$43,587	\$28.68	\$59,645	\$18.98	\$39,474	\$22.95	\$47,727	\$26.19	\$54,467	\$30.23	\$62,879	\$33.83	\$70,362
29-1123	Physical Therapists	\$26.51	\$55,136	\$19.99	\$41,588	\$29.76	\$61,910	\$16.90	\$35,145	\$23.04	\$47,921	\$26.58	\$55,279	\$31.47	\$65,460	\$35.12	\$73,051
29-1125	Recreational Therapists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1126	Respiratory Therapists	\$21.77	\$45,283	\$16.00	\$33,285	\$24.65	\$51,282	\$14.75	\$30,679	\$18.01	\$37,457	\$21.35	\$44,418	\$25.81	\$53,692	\$30.98	\$64,446
29-1127	Speech-Language Pathologists	\$23.89	\$49,700	\$16.60	\$34,524	\$27.54	\$57,288	\$15.22	\$31,663	\$18.83	\$39,160	\$24.08	\$50,094	\$28.06	\$58,371	\$33.30	\$69,272
29-1131	Veterinarians	\$41.94	\$87,233	\$25.67	\$53,389	\$50.07	\$104,155	\$23.89	\$49,697	\$27.80	\$57,815	\$31.68	\$65,904	\$35.24	\$73,307	\$0.00	\$0
29-2000	Health Technologists and Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	\$20.44	\$42,524	\$15.76	\$32,785	\$22.79	\$47,393	\$14.80	\$30,793	\$17.02	\$35,402	\$20.61	\$42,874	\$24.14	\$50,221	\$26.52	\$55,170
29-2012	Medical and Clinical Laboratory Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2021	Dental Hygienists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2031	Cardiovascular Technologists and Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2032	Diagnostic Medical Sonographers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2034	Radiologic Technologists and Technicians	\$19.72	\$41,025	\$14.87	\$30,927	\$22.15	\$46,074	\$14.76	\$30,692	\$17.00	\$35,365	\$19.96	\$41,511	\$22.85	\$47,522	\$26.14	\$54,368
29-2041	Emergency Medical Technicians and Paramedics	\$12.24	\$25,453	\$9.50	\$19,753	\$13.61	\$28,302	\$9.04	\$18,796	\$9.94	\$20,679	\$11.49	\$23,890	\$13.83	\$28,764	\$17.18	\$35,735
29-2051	Dietetic Technicians	\$8.89	\$18,486	\$7.42	\$15,437	\$9.62	\$20,010	\$7.03	\$14,623	\$7.50	\$15,608	\$8.26	\$17,184	\$9.85	\$20,484	\$12.27	\$25,521
29-2052	Pharmacy Technicians	\$10.41	\$21,659	\$8.84	\$18,389	\$11.20	\$23,294	\$8.14	\$16,923	\$9.15	\$19,031	\$10.20	\$21,224	\$11.52	\$23,964	\$13.14	\$27,335
29-2053	Psychiatric Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2054	Respiratory Therapy Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2055	Surgical Technologists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2061	Licensed Practical and Licensed Vocational Nurses	\$15.99	\$33,250	\$13.34	\$27,737	\$17.31	\$36,006	\$12.24	\$25,459	\$14.21	\$29,554	\$15.78	\$32,812	\$17.34	\$36,067	\$20.50	\$42,637
29-2071	Medical Records and Health Information Technicians	\$11.06	\$22,996	\$8.24	\$17,135	\$12.46	\$25,927	\$7.03	\$14,630	\$9.22	\$19,172	\$10.58	\$21,998	\$13.09	\$27,225	\$15.83	\$32,923
29-2081	Opticians, Dispensing	\$10.57	\$21,979	\$9.17	\$19,083	\$11.26	\$23,427	\$8.57	\$17,830	\$9.42	\$19,595	\$10.45	\$21,732	\$11.72	\$24,379	\$13.28	\$27,615
29-9000	Other Healthcare Practitioners and Technical Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-9091	Athletic Trainers	\$0.00	\$39,738	NA	\$30,103	NA	\$44,555	NA	\$27,591	NA	\$31,341	NA	\$35,482	NA	\$42,811	NA	\$57,015
29-9100	Other Health Practitioners And Technical Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-0000	Healthcare Support Occupations	\$10.19	\$21,186	\$7.73	\$16,080	\$11.41	\$23,739	\$7.42	\$15,424	\$8.27	\$17,194	\$9.66	\$20,095	\$11.24	\$23,388	\$14.01	\$29,150
31-1000	Nursing, Psychiatric, and Home Health Aides	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-1011	Home Health Aides	\$9.06	\$18,841	\$7.77	\$16,162	\$9.70	\$20,180	\$7.44	\$15,469	\$8.15	\$16,947	\$9.08	\$18,892	\$10.04	\$20,875	\$10.61	\$22,065
31-1012	Nursing Aides, Orderlies, and Attendants	\$9.61	\$19,984	\$7.66	\$15,931	\$10.58	\$22,011	\$7.35	\$15,291	\$8.05	\$16,744	\$9.32	\$19,378	\$10.71	\$22,282	\$12.84	\$26,712
31-1013	Psychiatric Aides	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-2000	Occupational and Physical Therapist Assistants and Aides	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-2021	Physical Therapist Assistants	\$17.90	\$37,228	\$14.22	\$29,570	\$19.74	\$41,056	\$13.21	\$27,467	\$15.21	\$31,644	\$17.68	\$36,779	\$20.70	\$43,062	\$23.58	\$49,053
31-2022	Physical Therapist Aides	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-9000	Other Healthcare Support Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-9011	Massage Therapists	\$10.35	\$21,528	\$7.28	\$15,146	\$11.88	\$24,720	\$7.09	\$14,748	\$8.04	\$16,718	\$10.61	\$22,059	\$12.41	\$25,805	\$13.44	\$27,961
31-9091	Dental Assistants	\$12.74	\$26,495	\$9.78	\$20,343	\$14.22	\$29,571	\$9.34	\$19,421	\$10.28	\$21,389	\$12.29	\$25,573	\$15.15	\$31,517	\$17.02	\$35,411
31-9092	Medical Assistants	\$11.80	\$24,540	\$9.22	\$19,177	\$13.09	\$27,222	\$8.76	\$18,222	\$9.88	\$20,544	\$11.53	\$23,981	\$13.55	\$28,185	\$16.03	\$33,338
31-9094	Medical Transcriptionists	\$13.27	\$27,606	\$10.50	\$21,845	\$14.66	\$30,487	\$9.52	\$19,797	\$11.52	\$23,967	\$13.41	\$27,889	\$15.30	\$31,834	\$16.71	\$34,762
31-9095	Pharmacy Aides	\$8.88	\$18,466	\$7.67	\$15,946	\$9.48	\$19,726	\$7.28	\$15,144	\$7.80	\$16,217	\$8.67	\$18,034	\$10.06	\$20,927	\$10.95	\$22,781
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	\$8.39	\$17,452	\$6.12	\$12,723	\$9.53	\$19,816	\$5.83	\$12,119	\$6.64	\$13,821	\$8.50	\$17,671	\$10.16	\$21,134	\$11.03	\$22,940
31-9099	Healthcare Support Workers, All Other	\$12.24	\$25,455	\$9.18	\$19,098	\$13.77	\$28,633	\$8.74	\$18,189	\$9.36	\$19,473	\$10.36	\$21,559	\$13.09	\$27,222	\$19.74	\$41,056
33-0000	Protective Service Occupations	\$13.11	\$27,275	\$6.75	\$14,047	\$16.29	\$33,889	\$6.14	\$12,765	\$7.61	\$15,825	\$12.69	\$26,397	\$17.43	\$36,252	\$21.29	\$44,275
33-1000	First-Line Supervisors/Managers, Protective Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-1012	First-Line Supervisors/Managers of Police and Detectives	\$21.48	\$44,687	\$14.08	\$29,296	\$25.18	\$52,382	\$12.91	\$26,844	\$15.43	\$32,090	\$22.30	\$46,377	\$26.14	\$54,381	\$30.58	\$63,602
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	\$21.15	\$43,991	\$13.14	\$27,332	\$25.15	\$52,320	\$12.28	\$25,553	\$16.50	\$34,311	\$21.80	\$45,336	\$26.40	\$54,916	\$29.42	\$61,188
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	\$15.12	\$31,449	\$10.31	\$21,452	\$17.52	\$36,447	\$7.95	\$16,541	\$11.96	\$24,872	\$13.40	\$27,862	\$16.50	\$34,322	\$21.87	\$45,500
33-2000	Fire Fighting and Prevention Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-2011	Fire Fighters	\$17.70	\$36,810	\$13.03	\$27,112	\$20.03	\$41,659	\$12.26	\$25,498	\$15.21	\$31,638	\$18.37	\$38,208	\$20.86	\$43,397	\$22.65	\$47,105
33-2021	Fire Inspectors and Investigators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-3000	Law Enforcement Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-3012	Correctional Officers and Jailers	\$12.82	\$26,674	\$11.02	\$22,929	\$13.72	\$28,547	\$10.19	\$21,185	\$11.35	\$23,607	\$12.65	\$26,305	\$14.50	\$30,168	\$16.32	\$33,937
33-3021	Detectives and Criminal Investigators	\$18.36	\$38,195	\$13.39	\$27,861	\$20.85	\$43,361	\$12.66	\$26,334	\$14.95	\$31,100	\$18.37	\$38,203	\$21.20	\$44,095	\$24.67	\$51,308
33-3031	Fish and Game Wardens	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-3051	Police and Sheriff's Patrol Officers	\$16.73	\$34,805	\$13.41	\$27,893	\$18.39	\$38,261	\$12.81	\$26,653	\$14.50	\$30,163	\$16.43	\$34,183	\$19.65	\$40,879	\$21.73	\$45,197
33-9000	Other Protective Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-9021	Private Detectives and Investigators	\$30.11	\$62,624	\$9.16	\$19,044	\$40.58	\$84,414	\$8.40	\$17,463	\$10.11	\$21,027	\$18.31	\$38,075	\$23.69	\$49,272	\$0.00	\$0
33-9032	Security Guards	\$8.43	\$17,540	\$6.10	\$12,689	\$9.60	\$19,965	\$5.87	\$12,206	\$6.60	\$13,726	\$7.84	\$16,297	\$8.97	\$18,649	\$12.55	\$26,105
33-9091	Crossing Guards	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-9099	Protective Service Workers, All Other	\$11.08	\$23,054	\$6.15	\$12,785	\$13.55	\$28,189	\$5.79	\$12,034	\$6.32	\$13,148	\$7.75	\$16,113	\$15.33	\$31,879	\$19.76	\$41,098
35-0000	Food Preparation and Serving Related Occupations	\$7.59	\$15,781	\$5.96	\$12,404	\$8.40	\$17,469	\$5.62	\$11,686	\$6.09	\$12,668	\$6.89	\$14,323	\$8.44	\$17,552	\$10.77	\$22,395
35-1000	Supervisors, Food Preparation and Serving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-1011	Chefs and Head Cooks	\$11.27	\$23,451	\$7.72	\$16,057	\$13.05	\$27,148	\$7.18	\$14,929	\$8.61	\$17,916	\$11.43	\$23,782	\$13.24	\$27,544	\$15.42	\$32,069
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$11.13	\$23,145	\$7.67	\$15,950	\$12.86	\$26,742	\$7.14	\$14,844	\$8.56	\$17,800	\$10.66	\$22,180	\$12.96	\$26,958	\$15.77	\$32,805
35-2000	Cooks and Food Preparation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-2011	Cooks, Fast Food	\$6.58	\$13,677	\$6.06	\$12,595	\$6.84	\$14,217	\$5.61	\$11,672	\$5.97	\$12,417	\$6.57	\$13,658	\$7.21	\$15,004	\$8.12	\$16,896
35-2012	Cooks, Institution and Cafeteria	\$8.79	\$18,291	\$6.93	\$14,416	\$9.73	\$20,229	\$6.36	\$13,222	\$7.43	\$15,461	\$8.63	\$17,960	\$10.16			

35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$6.55	\$13,614	\$5.98	\$12,432	\$6.83	\$14,205	\$5.53	\$11,497	\$5.85	\$12,172	\$6.39	\$13,295	\$6.98	\$14,510	\$8.23	\$17,110
35-3031	Waiters and Waitresses	\$7.10	\$14,758	\$5.90	\$12,262	\$7.70	\$16,006	\$5.51	\$11,458	\$5.89	\$12,258	\$6.53	\$13,591	\$7.93	\$16,503	\$10.28	\$21,390
35-3041	Food Servers, Nonrestaurant	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-9000	Other Food Preparation and Serving Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$7.06	\$14,691	\$5.91	\$12,283	\$7.64	\$15,896	\$5.53	\$11,503	\$5.94	\$12,345	\$6.61	\$13,749	\$7.86	\$16,344	\$9.24	\$19,209
35-9021	Dishwashers	\$7.09	\$14,746	\$6.07	\$12,622	\$7.60	\$15,807	\$5.71	\$11,874	\$6.20	\$12,906	\$6.99	\$14,532	\$8.02	\$16,681	\$8.83	\$18,360
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$8.01	\$16,651	\$6.00	\$12,483	\$9.01	\$18,734	\$5.61	\$11,677	\$6.04	\$12,558	\$6.74	\$14,026	\$8.27	\$17,210	\$10.55	\$21,948
35-9099	Food Preparation and Serving Related Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-0000	Building and Grounds Cleaning and Maintenance Occupations	\$10.49	\$21,816	\$6.86	\$14,274	\$12.30	\$25,586	\$6.28	\$13,067	\$7.70	\$16,016	\$9.94	\$20,668	\$12.71	\$26,443	\$15.37	\$31,969
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$15.63	\$32,515	\$10.81	\$22,476	\$18.05	\$37,534	\$9.75	\$20,279	\$12.32	\$25,628	\$15.55	\$32,335	\$18.00	\$37,430	\$21.56	\$44,852
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskee	\$17.20	\$35,775	\$12.79	\$26,597	\$19.41	\$40,365	\$11.48	\$23,885	\$14.53	\$30,221	\$16.61	\$34,554	\$19.85	\$41,298	\$23.06	\$47,958
37-2000	Building Cleaning and Pest Control Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$10.79	\$22,442	\$7.80	\$16,220	\$12.29	\$25,553	\$7.07	\$14,702	\$8.72	\$18,147	\$10.69	\$22,228	\$12.78	\$26,581	\$13.99	\$29,097
37-2012	Maids and Housekeeping Cleaners	\$7.68	\$15,968	\$5.97	\$12,423	\$8.53	\$17,741	\$5.72	\$11,908	\$6.35	\$13,212	\$7.44	\$15,469	\$8.75	\$18,201	\$10.28	\$21,380
37-2021	Pest Control Workers	\$11.81	\$24,561	\$9.06	\$18,844	\$13.18	\$27,419	\$8.58	\$17,854	\$9.60	\$19,959	\$10.94	\$22,752	\$14.49	\$30,143	\$16.61	\$34,539
37-3000	Grounds Maintenance Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-3011	Landscaping and Groundskeeping Workers	\$9.46	\$19,677	\$6.31	\$13,120	\$11.04	\$22,956	\$5.88	\$12,227	\$6.79	\$14,125	\$8.84	\$18,392	\$11.57	\$24,069	\$14.35	\$29,842
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-0000	Personal Care and Service Occupations	\$8.99	\$18,700	\$6.31	\$13,120	\$10.33	\$21,490	\$5.95	\$12,386	\$6.84	\$14,227	\$8.11	\$16,874	\$10.03	\$20,855	\$13.78	\$28,656
39-1000	Supervisors, Personal Care and Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-1021	First-Line Supervisors/Managers of Personal Service Workers	\$14.93	\$31,047	\$8.84	\$18,384	\$17.97	\$37,378	\$8.20	\$17,066	\$9.72	\$20,219	\$13.51	\$28,109	\$17.72	\$36,860	\$25.74	\$53,548
39-2000	Animal Care and Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-2021	Nonfarm Animal Caretakers	\$8.44	\$17,560	\$5.86	\$12,185	\$9.73	\$20,247	\$5.60	\$11,657	\$6.18	\$12,853	\$7.70	\$16,018	\$10.68	\$22,222	\$12.89	\$26,817
39-3000	Entertainment Attendants and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-3031	Ushers, Lobby Attendants, and Ticket Takers	\$6.45	\$13,415	\$6.15	\$12,793	\$6.60	\$13,727	\$5.64	\$11,724	\$5.94	\$12,359	\$6.45	\$13,419	\$6.95	\$14,449	\$7.69	\$15,994
39-3091	Amusement and Recreation Attendants	\$7.38	\$15,346	\$6.08	\$12,652	\$8.03	\$16,693	\$5.66	\$11,766	\$6.06	\$12,595	\$6.72	\$13,976	\$7.89	\$16,404	\$10.41	\$21,653
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-3199	Gaming Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-4000	Funeral Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-4021	Funeral Attendants	\$10.27	\$21,364	\$7.27	\$15,118	\$11.77	\$24,488	\$6.73	\$13,995	\$7.83	\$16,293	\$9.33	\$19,400	\$10.91	\$22,692	\$16.75	\$34,843
39-5000	Personal Appearance Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$12.52	\$26,036	\$7.95	\$16,534	\$14.80	\$30,787	\$6.63	\$13,796	\$9.15	\$19,027	\$10.73	\$22,318	\$14.99	\$31,181	\$22.93	\$47,686
39-6000	Transportation, Tourism, and Lodging Attendants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-6021	Tour Guides and Escorts	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-9000	Other Personal Care and Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-9011	Child Care Workers	\$7.71	\$16,041	\$6.41	\$13,332	\$8.36	\$17,396	\$5.98	\$12,445	\$6.95	\$14,464	\$7.74	\$16,107	\$8.57	\$17,829	\$9.91	\$20,611
39-9021	Personal and Home Care Aides	\$8.40	\$17,472	\$6.48	\$13,469	\$9.36	\$19,474	\$5.96	\$12,405	\$7.01	\$14,578	\$8.16	\$16,967	\$9.58	\$19,919	\$10.73	\$22,327
39-9031	Fitness Trainers and Aerobics Instructors	\$9.05	\$18,825	\$6.11	\$12,699	\$10.52	\$21,888	\$5.83	\$12,134	\$6.58	\$13,679	\$8.44	\$17,547	\$10.43	\$21,698	\$14.27	\$29,678
39-9032	Recreation Workers	\$11.64	\$24,205	\$7.63	\$15,861	\$13.64	\$28,377	\$7.36	\$15,314	\$8.23	\$17,109	\$11.08	\$23,044	\$15.38	\$31,994	\$17.08	\$35,524
39-9041	Residential Advisors	\$10.30	\$21,425	\$7.22	\$15,021	\$11.84	\$24,627	\$6.15	\$12,787	\$8.90	\$18,503	\$10.31	\$21,447	\$11.87	\$24,697	\$13.70	\$28,487
39-9099	Personal Care and Service Workers, All Other	\$8.13	\$16,913	\$5.95	\$12,375	\$9.22	\$19,182	\$5.72	\$11,897	\$6.50	\$13,522	\$7.97	\$16,576	\$9.70	\$20,176	\$10.91	\$22,687
41-0000	Sales and Related Occupations	\$11.13	\$23,155	\$6.15	\$12,786	\$13.62	\$28,339	\$5.89	\$12,248	\$6.67	\$13,871	\$8.32	\$17,311	\$11.88	\$24,706	\$19.94	\$41,485
41-1000	Supervisors, Sales Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$15.70	\$32,649	\$9.92	\$20,626	\$18.59	\$38,660	\$9.26	\$19,255	\$11.04	\$22,969	\$14.25	\$29,650	\$19.11	\$39,753	\$24.45	\$50,861
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$29.69	\$61,760	\$15.41	\$32,044	\$36.84	\$76,618	\$14.26	\$29,655	\$17.82	\$37,074	\$25.70	\$53,450	\$37.05	\$77,074	\$52.71	\$109,640
41-2000	Retail Sales Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-2011	Cashiers	\$7.42	\$15,433	\$6.00	\$12,485	\$8.13	\$16,907	\$5.69	\$11,839	\$6.21	\$12,909	\$7.14	\$14,848	\$8.43	\$17,540	\$9.95	\$20,695
41-2021	Counter and Rental Clerks	\$8.69	\$18,072	\$6.17	\$12,833	\$9.95	\$20,692	\$5.90	\$12,272	\$6.57	\$13,663	\$7.95	\$16,536	\$10.06	\$20,920	\$12.76	\$26,549
41-2022	Parts Salespersons	\$9.57	\$19,908	\$5.97	\$12,424	\$11.37	\$23,651	\$5.73	\$11,916	\$6.33	\$13,168	\$8.98	\$18,672	\$11.94	\$24,836	\$15.68	\$32,605
41-2031	Retail Salespersons	\$9.05	\$18,814	\$6.09	\$12,657	\$10.53	\$21,893	\$5.84	\$12,153	\$6.53	\$13,581	\$7.85	\$16,338	\$10.02	\$20,846	\$14.11	\$29,339
41-3000	Sales Representatives, Services	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-3011	Advertising Sales Agents	\$21.07	\$43,835	\$11.12	\$23,139	\$26.05	\$54,184	\$9.91	\$20,622	\$13.30	\$27,664	\$18.51	\$38,504	\$22.99	\$47,817	\$38.93	\$80,967
41-3021	Insurance Sales Agents	\$21.33	\$44,368	\$11.67	\$24,277	\$26.16	\$54,413	\$11.39	\$23,701	\$12.90	\$26,840	\$16.02	\$33,321	\$25.07	\$52,152	\$35.06	\$72,917
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$54.56	\$113,485	\$17.20	\$35,779	\$73.24	\$152,338	\$12.46	\$25,912	\$21.26	\$44,211	\$45.30	\$94,233	\$0.00	\$0	\$0.00	\$0
41-3041	Travel Agents	\$11.75	\$24,448	\$9.98	\$20,756	\$12.64	\$26,294	\$9.23	\$19,197	\$9.76	\$20,296	\$10.64	\$22,128	\$13.25	\$27,564	\$16.76	\$34,860
41-4000	Sales Representatives, Wholesale and Manufacturing	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific P	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Sci	\$21.66	\$45,046	\$10.27	\$21,354	\$27.35	\$56,892	\$8.41	\$17,483	\$12.70	\$26,425	\$18.17	\$37,797	\$26.58	\$55,281	\$41.82	\$86,980
41-9000	Other Sales and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9011	Demonstrators and Product Promoters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9021	Real Estate Brokers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9022	Real Estate Sales Agents	\$9.62	\$20,020	\$5.97	\$12,423	\$11.45	\$23,818	\$5.59	\$11,627	\$5.98	\$12,436	\$6.63	\$13,784	\$11.76	\$24,453	\$18.08	\$37,602
41-9041	Telemarketers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9099	Sales and Related Workers, All Other	\$12.44	\$25,884	\$8.88	\$18,480	\$14.22	\$29,586	\$8.53	\$17,747	\$9.98	\$20,750	\$11.74	\$24,417	\$13.09	\$27,221	\$16.61	\$34,552
43-0000	Office and Administrative Support Occupations	\$12.56	\$26,131	\$8.17	\$18,989	\$14.76	\$30,702	\$7.43	\$15,464	\$9.11	\$18,944	\$11.42	\$23,755	\$14.85	\$30,893	\$19.37	\$40,299
43-1000	Supervisors, Office and Administrative Support Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$18.41	\$38,302	\$11.50	\$23,930	\$21.87	\$45,488	\$10.22	\$21,261	\$13.35	\$27,767	\$16.94	\$35,236	\$21.95	\$45,649	\$29.11	\$60,544
43-2000	Communications Equipment Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-2011	Switchboard Operators, Including Answering Service	\$10.27	\$21,365	\$7.77	\$16,160	\$11.52	\$23,967	\$7.49	\$15,574	\$8.25	\$17,168	\$9.79	\$20,373	\$12.22	\$25,410	\$13.97	\$29,050
43-2021	Telephone Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-3000	Financial Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-3011	Bill and Account Collectors	\$12.59	\$26,179	\$9.11	\$18,953	\$14.32	\$29,792	\$8.49	\$17,666	\$							

43-4031	Court, Municipal, and License Clerks	\$10.96	\$22,797	\$8.85	\$18,413	\$12.01	\$24,989	\$8.17	\$16,984	\$9.59	\$19,944	\$11.19	\$23,279	\$12.50	\$25,994	\$13.34	\$27,748
43-4051	Customer Service Representatives	\$13.13	\$27,300	\$8.88	\$18,466	\$15.25	\$31,718	\$8.13	\$16,916	\$9.55	\$19,870	\$11.46	\$23,841	\$15.30	\$31,817	\$22.08	\$45,931
43-4061	Eligibility Interviewers, Government Programs	\$11.47	\$23,857	\$9.37	\$19,493	\$12.52	\$26,040	\$8.65	\$18,000	\$9.90	\$20,594	\$11.32	\$23,551	\$12.96	\$26,964	\$14.94	\$31,083
43-4071	File Clerks	\$9.12	\$18,978	\$7.29	\$15,155	\$10.04	\$20,890	\$6.93	\$14,409	\$7.63	\$15,872	\$8.67	\$18,042	\$10.57	\$21,980	\$12.22	\$25,413
43-4081	Hotel, Motel, and Resort Desk Clerks	\$7.79	\$16,207	\$6.71	\$13,963	\$8.33	\$17,330	\$6.27	\$13,038	\$7.10	\$14,778	\$7.82	\$16,275	\$8.52	\$17,728	\$9.14	\$19,012
43-4111	Interviewers, Except Eligibility and Loan	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4121	Library Assistants, Clerical	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4131	Loan Interviewers and Clerks	\$12.13	\$25,236	\$9.39	\$19,526	\$13.51	\$28,091	\$8.79	\$18,273	\$9.88	\$20,557	\$11.33	\$23,568	\$13.56	\$28,206	\$16.51	\$34,331
43-4141	New Accounts Clerks	\$12.19	\$25,357	\$10.27	\$21,362	\$13.15	\$27,354	\$9.63	\$20,026	\$10.33	\$21,495	\$11.48	\$23,882	\$13.77	\$28,644	\$16.08	\$33,451
43-4151	Order Clerks	\$13.43	\$27,936	\$9.11	\$18,957	\$15.59	\$32,426	\$8.38	\$17,422	\$9.86	\$20,511	\$12.27	\$25,519	\$17.74	\$36,896	\$20.19	\$41,986
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$13.70	\$28,495	\$9.90	\$20,602	\$15.60	\$32,441	\$8.92	\$18,545	\$11.06	\$23,001	\$13.18	\$27,415	\$16.38	\$34,072	\$19.47	\$40,507
43-4171	Receptionists and Information Clerks	\$10.02	\$20,835	\$7.04	\$14,644	\$11.51	\$23,930	\$6.44	\$13,394	\$7.92	\$16,475	\$9.91	\$20,603	\$11.77	\$24,479	\$14.08	\$29,287
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-5021	Couriers and Messengers	\$7.53	\$15,667	\$6.00	\$12,489	\$8.30	\$17,255	\$5.72	\$11,901	\$6.28	\$13,067	\$7.32	\$15,224	\$8.50	\$17,672	\$10.25	\$21,319
43-5031	Police, Fire, and Ambulance Dispatchers	\$11.12	\$23,137	\$7.93	\$16,500	\$12.72	\$26,456	\$6.53	\$13,587	\$9.41	\$19,569	\$11.37	\$23,645	\$13.17	\$27,390	\$15.38	\$31,991
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$14.82	\$30,827	\$9.83	\$20,438	\$17.32	\$36,021	\$8.66	\$18,006	\$11.10	\$23,098	\$13.60	\$28,286	\$18.30	\$38,069	\$22.10	\$45,965
43-5041	Meter Readers, Utilities	\$12.58	\$26,174	\$6.63	\$13,782	\$15.56	\$32,370	\$6.01	\$12,493	\$6.94	\$14,425	\$13.07	\$27,183	\$16.02	\$33,321	\$19.09	\$39,702
43-5051	Postal Service Clerks	\$19.68	\$40,932	\$18.48	\$38,442	\$20.28	\$42,177	\$17.30	\$35,978	\$18.15	\$37,747	\$19.57	\$40,695	\$20.98	\$43,644	\$23.63	\$49,145
43-5052	Postal Service Mail Carriers	\$19.90	\$41,388	\$15.22	\$31,652	\$22.24	\$46,256	\$14.47	\$30,106	\$16.28	\$33,866	\$20.07	\$41,738	\$23.75	\$49,404	\$25.85	\$53,770
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$17.81	\$37,055	\$13.88	\$28,866	\$19.78	\$41,150	\$11.15	\$23,192	\$17.08	\$35,527	\$18.77	\$39,037	\$20.46	\$42,547	\$21.47	\$44,653
43-5061	Production, Planning, and Expediting Clerks	\$15.58	\$32,403	\$9.29	\$19,317	\$18.74	\$38,945	\$8.83	\$18,358	\$10.37	\$21,575	\$14.14	\$29,407	\$20.09	\$41,792	\$24.51	\$50,982
43-5071	Shipping, Receiving, and Traffic Clerks	\$13.67	\$28,431	\$8.93	\$18,568	\$16.02	\$33,362	\$8.22	\$17,099	\$9.81	\$20,411	\$12.95	\$26,937	\$17.64	\$36,684	\$20.46	\$42,558
43-5081	Stock Clerks and Order Fillers	\$9.38	\$19,510	\$6.69	\$13,914	\$10.72	\$22,308	\$6.14	\$12,781	\$7.28	\$15,142	\$8.67	\$18,040	\$10.76	\$22,381	\$13.45	\$27,977
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$13.57	\$28,232	\$8.91	\$18,540	\$15.90	\$33,078	\$8.12	\$16,888	\$9.73	\$20,235	\$12.43	\$25,856	\$17.12	\$35,617	\$21.04	\$43,762
43-6000	Secretaries and Administrative Assistants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	\$16.02	\$33,324	\$11.24	\$23,381	\$18.41	\$38,296	\$10.33	\$21,491	\$12.61	\$26,220	\$15.63	\$32,509	\$18.56	\$38,606	\$22.00	\$45,769
43-6012	Legal Secretaries	\$12.26	\$25,505	\$9.89	\$20,564	\$13.45	\$27,975	\$9.55	\$19,866	\$10.67	\$22,202	\$12.04	\$25,050	\$13.70	\$28,492	\$16.40	\$34,117
43-6013	Medical Secretaries	\$13.01	\$27,057	\$10.05	\$20,914	\$14.48	\$30,129	\$9.57	\$19,912	\$10.69	\$22,241	\$12.65	\$26,322	\$15.34	\$31,910	\$17.23	\$35,839
43-6014	Secretaries, Except Legal, Medical, and Executive	\$11.80	\$24,537	\$9.21	\$19,154	\$13.09	\$27,229	\$8.83	\$18,371	\$9.97	\$20,738	\$11.68	\$24,296	\$13.36	\$27,780	\$15.38	\$31,985
43-9000	Other Office and Administrative Support Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-9011	Computer Operators	\$14.17	\$29,465	\$10.82	\$22,504	\$15.84	\$32,945	\$10.06	\$20,917	\$11.61	\$24,146	\$13.54	\$28,162	\$16.42	\$34,156	\$19.88	\$41,355
43-9021	Data Entry Keyers	\$10.67	\$22,197	\$8.42	\$17,517	\$11.80	\$24,537	\$7.75	\$16,117	\$9.15	\$19,022	\$10.46	\$21,763	\$11.99	\$24,948	\$13.79	\$28,677
43-9022	Word Processors and Typists	\$11.73	\$24,389	\$8.11	\$16,860	\$13.54	\$28,153	\$6.94	\$14,444	\$9.30	\$19,346	\$11.20	\$23,299	\$13.52	\$28,118	\$17.77	\$36,959
43-9031	Desktop Publishers	\$12.07	\$25,105	\$9.80	\$20,377	\$13.21	\$27,469	\$9.28	\$19,292	\$10.02	\$20,836	\$11.24	\$23,369	\$14.57	\$30,307	\$16.82	\$34,979
43-9041	Insurance Claims and Policy Processing Clerks	\$11.43	\$23,783	\$9.55	\$19,866	\$12.38	\$25,742	\$9.27	\$19,278	\$9.97	\$20,732	\$11.14	\$23,169	\$13.07	\$27,182	\$14.66	\$30,491
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$11.71	\$24,367	\$7.75	\$16,130	\$13.69	\$28,485	\$7.47	\$15,536	\$8.32	\$17,310	\$12.04	\$25,036	\$13.70	\$28,497	\$16.92	\$35,189
43-9061	Office Clerks, General	\$10.15	\$21,118	\$7.15	\$14,868	\$11.66	\$24,244	\$6.56	\$13,649	\$7.88	\$16,387	\$9.68	\$20,126	\$12.11	\$25,191	\$14.30	\$29,738
43-9071	Office Machine Operators, Except Computer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-0000	Farming, Fishing, and Forestry Occupations	\$11.57	\$24,067	\$7.00	\$14,564	\$13.85	\$28,818	\$6.48	\$13,488	\$7.65	\$15,907	\$9.56	\$19,885	\$14.39	\$29,925	\$20.59	\$42,823
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$17.00	\$35,361	\$12.82	\$26,656	\$19.09	\$39,713	\$11.95	\$24,862	\$12.67	\$26,348	\$13.86	\$28,824	\$22.91	\$47,659	\$25.68	\$53,417
45-2000	Agricultural Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2091	Agricultural Equipment Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2093	Farmworkers, Farm and Ranch Animals	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-4000	Forest, Conservation, and Logging Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-4023	Log Graders and Scaliers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-9000	Other Farming, Fishing, and Forestry Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-0000	Construction and Extraction Occupations	\$17.24	\$35,869	\$10.66	\$22,180	\$20.54	\$42,713	\$9.66	\$20,084	\$12.36	\$25,716	\$16.07	\$33,433	\$21.57	\$44,870	\$26.69	\$55,525
47-1000	Supervisors, Construction and Extraction Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$25.38	\$52,788	\$17.30	\$35,989	\$29.42	\$61,187	\$15.70	\$32,665	\$19.30	\$40,141	\$23.84	\$49,582	\$28.45	\$59,185	\$34.33	\$71,405
47-2000	Construction Trades Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2021	Brickmasons and Blockmasons	\$22.42	\$46,629	\$14.79	\$30,761	\$26.23	\$54,563	\$12.50	\$26,006	\$17.97	\$37,379	\$23.87	\$49,654	\$27.70	\$57,606	\$31.00	\$64,477
47-2022	Stonemasons	\$14.64	\$30,454	\$10.78	\$22,413	\$16.57	\$34,474	\$9.81	\$20,395	\$11.56	\$24,054	\$13.94	\$28,999	\$17.02	\$35,409	\$21.20	\$44,087
47-2031	Carpenters	\$15.72	\$32,707	\$11.19	\$23,286	\$17.99	\$37,417	\$10.25	\$21,329	\$12.45	\$25,887	\$15.02	\$31,250	\$18.47	\$38,417	\$22.42	\$46,624
47-2041	Carpet Installers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2051	Cement Masons and Concrete Finishers	\$13.70	\$28,503	\$8.99	\$18,702	\$16.06	\$33,403	\$8.24	\$17,137	\$9.87	\$20,523	\$12.75	\$26,524	\$18.36	\$38,183	\$20.87	\$43,411
47-2061	Construction Laborers	\$14.04	\$29,209	\$8.99	\$18,691	\$16.57	\$34,469	\$8.05	\$16,739	\$10.56	\$21,955	\$13.50	\$28,074	\$18.07	\$37,592	\$20.58	\$42,800
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$13.14	\$27,330	\$11.91	\$24,766	\$13.76	\$28,612	\$11.21	\$23,325	\$12.06	\$25,081	\$13.10	\$27,252	\$14.19	\$29,520	\$16.14	\$33,579
47-2073	Operating Engineers and Other Construction Equipment Operators	\$18.59	\$38,670	\$12.51	\$26,028	\$21.63	\$44,990	\$12.02	\$24,998	\$13.43	\$27,942	\$17.14	\$35,643	\$23.47	\$48,827	\$26.80	\$55,753
47-2081	Drywall and Ceiling Tile Installers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2082	Tapers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2111	Electricians	\$21.88	\$45,509	\$14.65	\$30,477	\$25.49	\$53,025	\$12.92	\$26,880	\$16.92	\$35,199	\$22.69	\$47,204	\$27.38	\$56,947	\$30.62	\$63,690
47-2141	Painters, Construction and Maintenance	\$14.08	\$29,286	\$9.61	\$19,988	\$16.31	\$33,935	\$9.16	\$19,048	\$10.18	\$21,168	\$12.16	\$25,292	\$15.93	\$33,125	\$24.84	\$51,674
47-2151	Pipelayers	\$14.22	\$29,575	\$12.20	\$25,375	\$15.23	\$31,675	\$11.55	\$24,018	\$12.32	\$25,632	\$13.63	\$28,344	\$15.79	\$32,847	\$18.07	\$37,594
47-2152	Plumbers, Pipefitters, and Steamfitters	\$22.65	\$47,114	\$16.57	\$34,459	\$25.69	\$53,441	\$14.65	\$30,468	\$18.83	\$39,166	\$23.14	\$48,137	\$26.56	\$55,252	\$30.59	\$63,628
47-2161	Plasterers and Stucco Masons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2181	Roofers	\$14.91	\$31,007	\$10.87	\$22,611	\$16.93	\$35,205	\$10.03	\$20,861	\$11.53	\$23,973	\$14.43	\$30,020	\$17.70	\$36,826	\$20.92	\$43,508
47-2211	Sheet Metal Workers	\$18.35	\$38,158	\$11.41	\$23,725	\$21.81	\$45,375	\$10.43	\$21,685								

47-4011	Construction and Building Inspectors	\$17.75	\$36,922	\$13.08	\$27,213	\$20.08	\$41,777	\$12.53	\$26,065	\$14.37	\$29,890	\$17.06	\$35,475	\$20.41	\$42,447	\$25.84	\$53,745
47-4051	Highway Maintenance Workers	\$12.58	\$26,162	\$10.53	\$21,902	\$13.60	\$28,292	\$9.70	\$20,182	\$11.06	\$23,011	\$12.41	\$25,807	\$13.71	\$28,523	\$16.00	\$33,279
47-4900	All Other Construction Trades and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-4999	Construction Trades and Related Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5000	Extraction Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5021	Earth Drillers, Except Oil and Gas	\$16.39	\$34,092	\$12.38	\$25,751	\$18.40	\$38,262	\$11.84	\$24,619	\$12.95	\$26,936	\$15.63	\$32,512	\$18.47	\$38,422	\$21.49	\$44,697
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	\$16.40	\$34,111	\$14.81	\$30,799	\$17.20	\$35,767	\$13.81	\$28,725	\$14.51	\$30,181	\$15.68	\$32,608	\$16.84	\$35,035	\$21.23	\$44,162
47-5041	Continuous Mining Machine Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5042	Mine Cutting and Channeling Machine Operators	\$15.29	\$31,806	\$14.34	\$29,835	\$15.77	\$32,792	\$13.80	\$28,699	\$14.68	\$30,540	\$15.68	\$32,616	\$16.68	\$34,692	\$17.31	\$36,005
47-5051	Rock Splitters, Quarry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5061	Roof Bolters, Mining	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5081	Helpers—Extraction Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5099	Extraction Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-0000	Installation, Maintenance, and Repair Occupations	\$16.27	\$33,834	\$9.75	\$20,281	\$19.52	\$40,611	\$8.77	\$18,251	\$11.13	\$23,153	\$15.02	\$31,237	\$20.49	\$42,619	\$26.29	\$54,691
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$23.54	\$48,972	\$15.62	\$32,496	\$27.51	\$57,211	\$14.68	\$30,526	\$17.24	\$35,851	\$22.05	\$45,869	\$28.28	\$58,818	\$36.64	\$76,222
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-2011	Computer, Automated Teller, and Office Machine Repairers	\$13.55	\$28,191	\$9.96	\$20,720	\$15.35	\$31,926	\$8.71	\$18,118	\$11.69	\$24,311	\$13.96	\$29,043	\$16.27	\$33,841	\$17.71	\$36,841
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	\$19.33	\$40,216	\$15.41	\$32,059	\$21.30	\$44,294	\$14.79	\$30,765	\$15.91	\$33,101	\$17.78	\$36,983	\$23.60	\$49,083	\$27.03	\$56,220
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-3021	Automotive Body and Related Repairers	\$15.75	\$32,769	\$7.05	\$14,659	\$20.11	\$41,824	\$6.00	\$12,472	\$6.98	\$14,522	\$16.30	\$33,901	\$21.73	\$45,189	\$25.87	\$53,806
49-3023	Automotive Service Technicians and Mechanics	\$13.30	\$27,664	\$8.52	\$17,717	\$15.69	\$32,637	\$7.62	\$15,852	\$9.68	\$20,133	\$12.46	\$25,909	\$16.35	\$34,015	\$20.53	\$42,708
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	\$15.75	\$32,751	\$11.93	\$24,813	\$17.65	\$36,720	\$11.52	\$23,961	\$12.86	\$26,741	\$15.12	\$31,444	\$17.56	\$36,517	\$21.29	\$44,280
49-3041	Farm Equipment Mechanics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$15.77	\$32,803	\$12.39	\$25,777	\$17.46	\$36,316	\$10.70	\$22,249	\$14.24	\$29,628	\$16.00	\$33,284	\$17.63	\$36,664	\$20.57	\$42,795
49-3052	Motorcycle Mechanics	\$13.13	\$27,310	\$9.70	\$20,169	\$14.85	\$30,881	\$9.28	\$19,300	\$10.28	\$21,374	\$12.65	\$26,320	\$15.06	\$31,324	\$19.04	\$39,604
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-3093	Tire Repairers and Changers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9000	Other Installation, Maintenance, and Repair Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	\$18.31	\$38,077	\$11.04	\$22,967	\$21.94	\$45,632	\$10.12	\$21,048	\$12.07	\$25,115	\$18.26	\$37,973	\$23.14	\$48,131	\$28.39	\$59,054
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9031	Home Appliance Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9041	Industrial Machinery Mechanics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9042	Maintenance and Repair Workers, General	\$14.94	\$31,071	\$9.70	\$20,176	\$17.56	\$36,518	\$8.89	\$18,498	\$10.89	\$22,657	\$14.39	\$29,930	\$18.68	\$38,860	\$22.42	\$46,628
49-9043	Maintenance Workers, Machinery	\$17.18	\$35,732	\$11.64	\$24,218	\$19.95	\$41,488	\$11.13	\$23,143	\$12.48	\$25,963	\$16.04	\$33,359	\$21.23	\$44,155	\$25.28	\$52,573
49-9044	Millwrights	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9051	Electrical Power-Line Installers and Repairers	\$21.44	\$44,593	\$15.41	\$32,048	\$24.45	\$50,865	\$12.92	\$26,865	\$18.07	\$37,591	\$23.05	\$47,943	\$25.55	\$53,145	\$27.05	\$56,266
49-9052	Telecommunications Line Installers and Repairers	\$17.93	\$37,303	\$11.82	\$24,595	\$20.99	\$43,657	\$10.86	\$22,579	\$13.21	\$27,483	\$18.92	\$39,351	\$22.22	\$46,220	\$25.15	\$52,321
49-9064	Watch Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9098	Helpers—Installation, Maintenance, and Repair Workers	\$10.23	\$21,274	\$7.74	\$16,097	\$11.47	\$23,863	\$7.34	\$15,274	\$7.81	\$16,247	\$8.59	\$17,871	\$10.80	\$22,466	\$16.25	\$33,798
49-9099	Installation, Maintenance, and Repair Workers, All Other	\$16.82	\$34,983	\$10.61	\$22,075	\$19.92	\$41,436	\$8.88	\$18,476	\$12.56	\$26,128	\$17.29	\$35,966	\$20.85	\$43,363	\$24.58	\$51,132
51-0000	Production Occupations	\$14.47	\$30,102	\$8.99	\$18,709	\$17.21	\$35,799	\$8.17	\$16,997	\$10.24	\$21,300	\$13.12	\$27,285	\$18.15	\$37,746	\$21.94	\$45,642
51-1000	Supervisors, Production Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	\$21.18	\$44,054	\$14.04	\$29,197	\$24.75	\$51,483	\$12.81	\$26,643	\$16.00	\$33,289	\$20.06	\$41,715	\$24.72	\$51,425	\$31.36	\$65,233
51-2000	Assemblers and Fabricators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-2021	Coil Winders, Tapers, and Finishers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-2022	Electrical and Electronic Equipment Assemblers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-2041	Structural Metal Fabricators and Fitters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-2091	Fiberglass Laminators and Fabricators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-2092	Team Assemblers	\$13.72	\$28,530	\$8.80	\$18,297	\$16.18	\$33,647	\$8.04	\$16,724	\$9.97	\$20,739	\$13.01	\$27,051	\$18.14	\$37,740	\$20.53	\$42,694
51-2099	Assemblers and Fabricators, All Other	\$12.65	\$26,317	\$8.62	\$17,927	\$14.67	\$30,512	\$7.87	\$16,367	\$9.44	\$19,642	\$11.97	\$24,901	\$16.15	\$33,601	\$17.60	\$36,603
51-3000	Food Processing Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3011	Bakers	\$8.87	\$18,459	\$7.59	\$15,785	\$9.52	\$19,795	\$7.25	\$15,086	\$7.80	\$16,222	\$8.70	\$18,094	\$9.92	\$20,642	\$10.85	\$22,560
51-3021	Butchers and Meat Cutters	\$12.38	\$25,753	\$7.44	\$15,479	\$14.85	\$30,890	\$6.58	\$13,692	\$8.48	\$17,642	\$12.94	\$26,919	\$15.99	\$33,262	\$17.83	\$37,082
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3023	Slaughterers and Meat Packers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tender	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3093	Food Cooking Machine Operators and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4000	Metal Workers and Plastic Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4012	Numerical Tool and Process Control Programmers	\$17.65	\$36,705	\$14.02	\$29,169	\$19.46	\$40,474	\$12.52	\$26,033	\$15.12	\$31,449	\$17.00	\$35,360	\$20.64	\$42,936	\$24.58	\$51,135
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$12.19	\$25,363	\$9.50	\$19,760	\$13.54	\$28,164	\$8.84	\$18,391	\$9.44	\$19,640	\$10.32	\$21,460	\$15.18	\$31,573	\$19.82	\$41,221
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and	\$14.59	\$30,342	\$10.70	\$22,259	\$16.53	\$34,383	\$9.93	\$20,646	\$11.50	\$23,913	\$13.75	\$28,600	\$17.82	\$37,064	\$20.80	\$42,843
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and T	\$15.35	\$31,920	\$10.10	\$21,011	\$17.97	\$37,374	\$9.17	\$19,081	\$11.65	\$24,237	\$15.73	\$32,725	\$18.99	\$39,505	\$21.11	\$43,915
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$11.85	\$24,640	\$9.04	\$18,799	\$13.25	\$27,561	\$8.36	\$17,397	\$9.64	\$20,047	\$11.56	\$24,052	\$13.55	\$28,174	\$16.30	\$33,911
51-4041	Machinists	\$20.03	\$41,656	\$13.67	\$28,428	\$23.21	\$48,270	\$11.82	\$24,583	\$16.28	\$33,854	\$21.68	\$45,094	\$24.61	\$51,195	\$26.44	\$55,001
51-4051	Metal-Refining Furnace Operators and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4111	Tool and Die Makers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4121	Welders, Cutters, Solderers, and Brazers	\$15.54	\$32,317	\$10.55	\$21,953	\$18.03	\$37,499	\$9.47	\$19,688	\$11.97	\$24,889	\$14.69	\$30,546	\$18.00	\$37,443	\$22.23	\$46,238
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4194	Tool Grinders, Filers, and Sharpeners	\$15.06	\$31,326	\$10.40	\$21,633	\$17.39	\$36,172	\$9.44	\$19,630	\$11.66	\$24,250	\$14.96	\$31,118	\$18.80	\$39,1		

51-5011	Bindery Workers	\$10.28	\$21,376	\$8.23	\$17,113	\$11.30	\$23,507	\$7.71	\$16,042	\$8.72	\$18,148	\$10.19	\$21,191	\$11.50	\$23,923	\$13.23	\$27,513
51-5021	Job Printers	\$11.50	\$23,922	\$9.78	\$20,353	\$12.36	\$25,706	\$9.26	\$19,269	\$10.02	\$20,848	\$11.12	\$23,134	\$12.59	\$26,189	\$14.04	\$29,202
51-5022	Prepress Technicians and Workers	\$14.23	\$29,608	\$9.75	\$20,275	\$16.48	\$34,275	\$8.73	\$18,161	\$10.94	\$22,765	\$13.51	\$28,102	\$17.17	\$35,706	\$20.90	\$43,470
51-5023	Printing Machine Operators	\$13.30	\$27,655	\$8.66	\$18,005	\$15.62	\$32,480	\$9.33	\$16,503	\$9.51	\$19,781	\$12.86	\$26,747	\$16.66	\$34,648	\$19.88	\$41,346
51-6000	Textile, Apparel, and Furnishings Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	\$7.97	\$16,583	\$5.96	\$12,389	\$8.98	\$18,680	\$5.74	\$11,941	\$6.42	\$13,352	\$7.75	\$16,115	\$9.45	\$19,659	\$10.71	\$22,279
51-6021	Pressers, Textile, Garment, and Related Materials	\$8.97	\$18,652	\$6.71	\$13,955	\$10.10	\$21,000	\$6.21	\$12,911	\$7.31	\$15,204	\$9.39	\$19,534	\$10.61	\$22,068	\$11.36	\$23,636
51-6031	Sewing Machine Operators	\$9.82	\$20,431	\$7.90	\$16,424	\$10.79	\$22,434	\$6.71	\$13,961	\$8.91	\$18,531	\$9.88	\$20,544	\$10.78	\$22,426	\$12.62	\$26,246
51-6041	Shoe and Leather Workers and Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6052	Tailors, Dressmakers, and Custom Sewers	\$8.90	\$18,512	\$7.02	\$14,593	\$9.84	\$20,471	\$6.63	\$13,789	\$7.19	\$14,963	\$7.87	\$16,365	\$8.54	\$17,769	\$13.16	\$27,363
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6093	Upholsterers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7000	Woodworkers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	\$10.02	\$20,848	\$7.52	\$15,638	\$11.28	\$23,453	\$7.21	\$14,996	\$7.80	\$16,223	\$8.77	\$18,252	\$11.87	\$24,694	\$15.51	\$32,262
51-7021	Furniture Finishers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$14.63	\$30,429	\$9.18	\$19,099	\$17.35	\$36,094	\$8.02	\$16,689	\$10.72	\$22,299	\$14.43	\$30,025	\$19.40	\$40,362	\$21.57	\$44,868
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$11.40	\$23,721	\$9.25	\$19,232	\$12.48	\$25,965	\$8.46	\$17,587	\$9.70	\$20,178	\$11.08	\$23,048	\$13.21	\$27,479	\$14.95	\$31,099
51-8000	Plant and System Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8012	Power Distributors and Dispatchers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8013	Power Plant Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8021	Stationary Engineers and Boiler Operators	\$18.00	\$37,431	\$12.15	\$25,282	\$20.92	\$43,505	\$11.67	\$24,276	\$12.98	\$27,000	\$17.51	\$36,416	\$22.06	\$45,895	\$25.59	\$53,220
51-8031	Water and Liquid Waste Treatment Plant and System Operators	\$16.10	\$33,488	\$12.86	\$26,741	\$17.72	\$36,861	\$12.00	\$24,962	\$13.58	\$28,254	\$15.49	\$32,214	\$17.21	\$35,800	\$22.62	\$47,057
51-8092	Gas Plant Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8099	Plant and System Operators, All Other	\$19.20	\$39,932	\$14.01	\$29,139	\$21.79	\$45,329	\$11.90	\$24,742	\$17.14	\$35,660	\$19.95	\$41,486	\$23.10	\$48,055	\$25.59	\$53,230
51-9000	Other Production Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operator	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9022	Grinding and Polishing Workers, Hand	\$13.14	\$27,330	\$8.09	\$16,817	\$15.67	\$32,587	\$7.21	\$15,001	\$9.17	\$19,080	\$12.51	\$26,013	\$14.12	\$29,371	\$19.03	\$39,581
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	\$15.18	\$31,580	\$10.28	\$21,377	\$17.64	\$36,682	\$9.20	\$19,128	\$12.33	\$25,652	\$15.37	\$31,973	\$17.55	\$36,514	\$22.57	\$46,953
51-9031	Cutters and Trimmers, Hand	\$15.34	\$31,898	\$10.41	\$21,663	\$17.80	\$37,016	\$9.73	\$20,232	\$11.33	\$23,560	\$15.88	\$33,031	\$18.72	\$38,947	\$20.76	\$43,175
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	\$15.29	\$31,800	\$11.42	\$23,763	\$17.22	\$35,818	\$9.62	\$20,017	\$13.96	\$29,030	\$15.92	\$33,119	\$17.77	\$36,959	\$20.10	\$41,805
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$15.79	\$32,847	\$10.11	\$21,028	\$18.63	\$38,756	\$9.04	\$18,802	\$11.28	\$23,468	\$14.02	\$29,158	\$20.10	\$41,806	\$24.66	\$51,294
51-9081	Dental Laboratory Technicians	\$17.89	\$37,210	\$10.39	\$21,607	\$21.64	\$45,011	\$9.77	\$20,325	\$11.74	\$24,421	\$15.74	\$32,743	\$21.51	\$44,739	\$32.91	\$68,460
51-9111	Packaging and Filling Machine Operators and Tenders	\$13.25	\$27,566	\$9.14	\$19,007	\$15.31	\$31,846	\$8.47	\$17,622	\$9.55	\$19,869	\$10.78	\$22,427	\$15.45	\$32,127	\$24.54	\$51,050
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$12.86	\$26,749	\$8.93	\$18,578	\$14.82	\$30,834	\$8.23	\$17,125	\$9.68	\$20,136	\$12.26	\$25,501	\$16.08	\$33,446	\$19.09	\$39,707
51-9122	Painters, Transportation Equipment	\$17.63	\$36,677	\$7.33	\$15,250	\$22.78	\$47,390	\$6.33	\$13,166	\$8.52	\$17,713	\$13.26	\$27,580	\$24.76	\$51,500	\$31.78	\$66,112
51-9123	Painting, Coating, and Decorating Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9131	Photographic Process Workers	\$7.12	\$14,813	\$6.23	\$12,955	\$7.57	\$15,742	\$5.73	\$11,925	\$6.09	\$12,672	\$6.69	\$13,918	\$7.63	\$15,867	\$9.76	\$20,293
51-9132	Photographic Processing Machine Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9191	Cementing and Gluing Machine Operators and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9198	Helpers--Production Workers	\$9.71	\$20,204	\$6.73	\$13,990	\$11.21	\$23,311	\$6.19	\$12,870	\$7.29	\$15,160	\$9.01	\$18,750	\$11.44	\$23,786	\$14.00	\$29,121
51-9199	Production Workers, All Other	\$19.48	\$40,511	\$13.25	\$27,560	\$22.59	\$46,987	\$11.38	\$23,660	\$15.75	\$32,761	\$19.91	\$41,414	\$22.90	\$47,640	\$27.16	\$56,496
53-0000	Transportation and Material Moving Occupations	\$12.20	\$25,373	\$7.13	\$14,830	\$14.73	\$30,645	\$6.44	\$13,395	\$8.12	\$16,896	\$10.90	\$22,665	\$14.52	\$30,206	\$22.28	\$42,188
53-1000	Supervisors, Transportation and Material Moving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Han	\$19.90	\$41,382	\$13.35	\$27,774	\$23.17	\$48,187	\$12.05	\$25,055	\$14.88	\$30,948	\$18.10	\$37,643	\$22.22	\$46,215	\$29.02	\$60,360
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine	\$21.66	\$45,059	\$13.24	\$27,534	\$25.88	\$53,822	\$11.96	\$24,878	\$14.96	\$31,113	\$18.79	\$39,073	\$24.56	\$51,076	\$33.20	\$69,064
53-2000	Air Transportation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-2012	Commercial Pilots	\$0.00	\$53,279	NA	\$40,209	NA	\$59,813	NA	\$37,564	NA	\$44,043	NA	\$54,404	NA	\$63,698	NA	\$70,886
53-3000	Motor Vehicle Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-3021	Bus Drivers, Transit and Intercity	\$10.18	\$21,184	\$9.65	\$20,069	\$10.45	\$21,741	\$8.86	\$18,423	\$9.30	\$19,346	\$9.96	\$20,724	\$10.63	\$22,102	\$11.95	\$24,851
53-3022	Bus Drivers, School	\$11.45	\$23,807	\$9.05	\$18,824	\$12.64	\$26,299	\$8.72	\$18,140	\$9.62	\$20,012	\$11.22	\$23,331	\$12.70	\$26,417	\$13.61	\$28,305
53-3031	Driver/Sales Workers	\$7.66	\$15,933	\$5.95	\$12,368	\$8.52	\$17,716	\$5.54	\$11,530	\$5.92	\$12,324	\$6.56	\$13,646	\$8.00	\$16,637	\$11.74	\$24,423
53-3032	Truck Drivers, Heavy and Tractor-Trailer	\$15.45	\$32,128	\$10.61	\$22,059	\$17.87	\$37,162	\$9.75	\$20,281	\$11.50	\$23,918	\$13.92	\$28,954	\$18.79	\$39,083	\$23.71	\$49,322
53-3033	Truck Drivers, Light or Delivery Services	\$10.85	\$22,569	\$7.60	\$15,817	\$12.47	\$25,945	\$6.96	\$14,467	\$8.55	\$17,790	\$10.58	\$22,015	\$12.99	\$27,016	\$15.33	\$31,896
53-3041	Taxi Drivers and Chauffeurs	\$7.39	\$15,364	\$6.04	\$12,564	\$8.06	\$16,764	\$5.78	\$12,028	\$6.42	\$13,351	\$7.29	\$15,164	\$8.22	\$17,103	\$9.27	\$19,278
53-3099	Motor Vehicle Operators, All Other	\$17.53	\$36,465	\$7.27	\$15,123	\$22.66	\$47,136	\$5.86	\$12,195	\$7.39	\$15,377	\$17.40	\$36,186	\$20.56	\$42,768	\$37.46	\$77,921
53-4000	Rail Transportation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-6000	Other Transportation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-6031	Service Station Attendants	\$8.83	\$18,365	\$7.42	\$15,434	\$9.53	\$19,831	\$7.06	\$14,680	\$7.62	\$15,850	\$8.42	\$17,517	\$10.07	\$20,940	\$11.78	\$24,499
53-6099	Transportation Workers, All Other	\$15.01	\$31,218	\$7.29	\$15,166	\$18.87	\$39,244	\$7.04	\$14,646	\$7.83	\$16,280	\$17.04	\$35,434	\$22.09	\$45,954	\$25.19	\$52,389
53-7000	Material Moving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7011	Conveyor Operators and Tenders	\$11.76	\$24,466	\$6.24	\$12,980	\$14.52	\$30,210	\$5.81	\$12,085	\$6.70	\$13,930	\$10.60	\$22,051	\$16.22	\$33,728	\$19.68	\$40,943
53-7021	Crane and Tower Operators	\$16.71	\$34,765	\$14.20	\$29,542	\$17.97	\$37,376	\$13.41	\$27,888	\$14.42	\$30,002	\$15.91	\$33,084	\$17.80	\$37,020	\$23.08	\$47,997
53-7032	Excavating and Loading Machine and Dragline Operators	\$14.83	\$30,855	\$11.44	\$23,796	\$16.53	\$34,384	\$11.01	\$22,908	\$12.61	\$26,225	\$15.09	\$31,378	\$16.78	\$34,898	\$17.99	\$37,423
53-7033	Loading Machine Operators, Underground Mining	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7051	Industrial Truck and Tractor Operators	\$15.98	\$33,243	\$10.51	\$21,864	\$18.72	\$38,932	\$9.74	\$20,257	\$11.32	\$23,536	\$14.98	\$31,168	\$20.56	\$42,759	\$24.50	\$50,952
53-7061	Cleaners of Vehicles and Equipment	\$6.99	\$14,548	\$6.03	\$12,549	\$7.47	\$15,547	\$5.68	\$11,821	\$6.17	\$12,832	\$6.99	\$14,546	\$8.00	\$16,635	\$8.60	\$17,894
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$10.00	\$20,799	\$7.09	\$14,747	\$11.45	\$23,825	\$6.57	\$13,673	\$7.67	\$15,946	\$9.29	\$19,331	\$11.96	\$24,876	\$14.85	\$30,889
53-7063	Machine Feeders and Offbearers	\$10.74	\$22,346	\$7.95	\$16,545	\$12.14	\$25,246	\$7.48	\$15,566	\$8.57	\$17,830	\$10.53	\$21,905	\$12.88	\$26,791	\$14.34	\$29,830
53-7064																	

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS

BASE PERIOD: 2002

PROJECTED PERIOD: 2012

AREA: Economic Growth Region 08

Ranked by Total Growth 2002-2012

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	Rank
	Total, All Occupations	117,620	125,360	7,740	7%	28,660	39,330	
29-1111	Registered Nurses	1,650	2,260	610	37%	350	950	1
25-1191	Graduate Teaching Assistants	1,830	2,330	500	27%	410	910	2
31-1012	Nursing Aides, Orderlies, and Attendants	1,750	2,090	340	19%	230	570	3
39-9021	Personal and Home Care Aides	560	790	230	41%	90	320	4
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,010	2,200	190	9%	330	520	5
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,600	2,780	180	7%	1,130	1,310	6
43-4171	Receptionists and Information Clerks	870	1,030	160	18%	210	380	7
49-9042	Maintenance and Repair Workers, General	1,270	1,410	140	11%	250	390	8
29-2061	Licensed Practical and Licensed Vocational Nurses	850	980	130	15%	190	310	9
33-3051	Police and Sheriff's Patrol Officers	390	520	130	33%	100	230	9
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,910	2,040	130	7%	360	490	9
11-1021	General and Operations Managers	1,240	1,360	120	10%	230	350	12
15-1051	Computer Systems Analysts	420	540	120	29%	50	170	12
35-3031	Waiters and Waitresses	1,870	1,990	120	6%	960	1,080	12
25-2031	Secondary School Teachers, Except Special and Vocational Education	960	1,070	110	11%	270	380	15
25-9041	Teacher Assistants	860	970	110	13%	170	280	15
33-2011	Fire Fighters	440	550	110	25%	130	240	15
43-6011	Executive Secretaries and Administrative Assistants	1,010	1,120	110	11%	190	310	15
21-1093	Social and Human Service Assistants	250	350	100	40%	40	150	19
31-9091	Dental Assistants	270	360	90	33%	80	170	20
41-2031	Retail Salespersons	3,390	3,480	90	3%	1,230	1,320	20
11-9111	Medical and Health Services Managers	230	310	80	35%	50	120	22
17-2072	Electronics Engineers, Except Computer	710	790	80	11%	140	220	22
25-1011	Business Teachers, Postsecondary	230	310	80	35%	50	130	22
29-1126	Respiratory Therapists	150	230	80	53%	50	130	22
31-1011	Home Health Aides	230	310	80	35%	30	110	22
35-2021	Food Preparation Workers	840	920	80	10%	300	370	22
51-9111	Packaging and Filling Machine Operators and Tenders	440	520	80	18%	90	170	22
17-3023	Electrical and Electronic Engineering Technicians	740	810	70	9%	150	230	29
31-9092	Medical Assistants	130	200	70	54%	20	100	29
53-3041	Taxi Drivers and Chauffeurs	170	240	70	41%	20	90	29
13-1111	Management Analysts	310	370	60	19%	40	100	32
29-1051	Pharmacists	210	270	60	29%	40	100	32
37-3011	Landscaping and Groundskeeping Workers	810	870	60	7%	180	230	32
39-3091	Amusement and Recreation Attendants	190	250	60	32%	60	110	32
47-2031	Carpenters	1,060	1,120	60	6%	170	230	32
47-2111	Electricians	560	620	60	11%	110	170	32
51-3023	Slaughterers and Meat Packers	830	890	60	7%	180	250	32
11-3021	Computer and Information Systems Managers	210	260	50	24%	40	90	39
13-2011	Accountants and Auditors	530	580	50	9%	100	150	39
25-1081	Education Teachers, Postsecondary	160	210	50	31%	40	90	39
25-2021	Elementary School Teachers, Except Special Education	740	790	50	7%	160	220	39
29-2041	Emergency Medical Technicians and Paramedics	170	220	50	29%	20	70	39
29-2052	Pharmacy Technicians	210	260	50	24%	30	80	39
29-2053	Psychiatric Technicians	100	150	50	50%	10	60	39
29-2071	Medical Records and Health Information Technicians	120	170	50	42%	20	60	39
35-2014	Cooks, Restaurant	650	700	50	8%	200	250	39
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	700	750	50	7%	230	290	39
37-2012	Maids and Housekeeping Cleaners	790	840	50	6%	170	220	39
43-4051	Customer Service Representatives	720	770	50	7%	110	160	39
43-4111	Interviewers, Except Eligibility and Loan	110	160	50	45%	30	80	39
43-5061	Production, Planning, and Expediting Clerks	260	310	50	19%	60	110	39
49-3023	Automotive Service Technicians and Mechanics	740	790	50	7%	200	240	39
13-1071	Employment, Recruitment, and Placement Specialists	110	150	40	36%	20	50	54

15-1041	Computer Support Specialists	200	240	40	20%	30	60	54
15-1071	Network and Computer Systems Administrators	130	170	40	31%	10	50	54
15-1081	Network Systems and Data Communications Analysts	40	80	40	100%	10	40	54
19-3021	Market Research Analysts	160	200	40	25%	40	80	54
23-1011	Lawyers	170	210	40	24%	20	60	54
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	110	150	40	36%	30	60	54
25-2011	Preschool Teachers, Except Special Education	270	310	40	15%	30	80	54
29-1123	Physical Therapists	150	190	40	27%	10	60	54
29-2021	Dental Hygienists	130	170	40	31%	10	50	54
29-2034	Radiologic Technologists and Technicians	130	170	40	31%	30	60	54
33-9032	Security Guards	690	730	40	6%	150	190	54
35-3041	Food Servers, Nonrestaurant	140	180	40	29%	50	80	54
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	680	720	40	6%	180	220	54
43-3071	Tellers	380	420	40	11%	190	220	54
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	640	680	40	6%	110	150	54
47-2061	Construction Laborers	850	890	40	5%	110	160	54
47-2152	Plumbers, Pipefitters, and Steamfitters	550	590	40	7%	130	170	54
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	170	210	40	24%	20	60	54
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	370	410	40	11%	60	100	54
11-9033	Education Administrators, Postsecondary	110	140	30	27%	30	50	74
13-2082	Tax Preparers	100	130	30	30%	20	40	74
15-1031	Computer Software Engineers, Applications	60	90	30	50%	10	40	74
15-1032	Computer Software Engineers, Systems Software	60	90	30	50%	10	30	74
21-1011	Substance Abuse and Behavioral Disorder Counselors	150	180	30	20%	40	60	74
21-1012	Educational, Vocational, and School Counselors	360	390	30	8%	80	120	74
21-1015	Rehabilitation Counselors	80	110	30	38%	20	50	74
21-1021	Child, Family, and School Social Workers	380	410	30	8%	60	100	74
25-1122	Communications Teachers, Postsecondary	90	120	30	33%	20	50	74
25-1124	Foreign Language and Literature Teachers, Postsecondary	100	130	30	30%	20	50	74
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	130	160	30	23%	30	60	74
25-2043	Special Education Teachers, Secondary School	110	140	30	27%	30	50	74
25-3021	Self-Enrichment Education Teachers	400	430	30	8%	50	80	74
25-4031	Library Technicians	140	170	30	21%	50	80	74
27-3031	Public Relations Specialists	110	140	30	27%	20	50	74
27-3041	Editors	190	220	30	16%	50	70	74
29-2055	Surgical Technologists	90	120	30	33%	10	40	74
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	490	520	30	6%	150	190	74
39-9031	Fitness Trainers and Aerobics Instructors	130	160	30	23%	30	60	74
39-9032	Recreation Workers	160	190	30	19%	40	60	74
43-3011	Bill and Account Collectors	190	220	30	16%	40	70	74
43-9061	Office Clerks, General	2,550	2,580	30	1%	570	600	74
47-4011	Construction and Building Inspectors	80	110	30	38%	20	50	74
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	470	500	30	6%	120	140	74
51-8031	Water and Liquid Waste Treatment Plant and System Operators	120	150	30	25%	40	70	74
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	720	750	30	4%	170	190	74
53-3033	Truck Drivers, Light or Delivery Services	660	690	30	5%	60	100	74
11-2021	Marketing Managers	90	110	20	22%	20	30	101
11-9021	Construction Managers	230	250	20	9%	40	60	101
11-9032	Education Administrators, Elementary and Secondary School	170	190	20	12%	40	60	101
11-9041	Engineering Managers	100	120	20	20%	20	40	101
11-1011	Chief Executives	220	240	20	9%	40	60	101
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	260	280	20	8%	60	80	101
13-1051	Cost Estimators	170	190	20	12%	40	60	101
13-2021	Appraisers and Assessors of Real Estate	90	110	20	22%	20	40	101
13-2072	Loan Officers	160	180	20	13%	30	50	101
15-1061	Database Administrators	40	60	20	50%	0	20	101
17-1011	Architects, Except Landscape and Naval	40	60	20	50%	10	30	101
17-1022	Surveyors	60	80	20	33%	20	40	101
17-2141	Mechanical Engineers	360	380	20	6%	100	120	101
17-3011	Architectural and Civil Drafters	80	100	20	25%	20	50	101
21-1022	Medical and Public Health Social Workers	80	100	20	25%	10	30	101
21-1023	Mental Health and Substance Abuse Social Workers	30	50	20	67%	10	30	101
23-2011	Paralegals and Legal Assistants	80	100	20	25%	10	30	101
25-1022	Mathematical Science Teachers, Postsecondary	70	90	20	29%	20	30	101
25-1042	Biological Science Teachers, Postsecondary	80	100	20	25%	20	40	101
25-1066	Psychology Teachers, Postsecondary	50	70	20	40%	10	30	101
25-1071	Health Specialties Teachers, Postsecondary	70	90	20	29%	20	40	101

25-1112	Law Teachers, Postsecondary	50	70	20	40%	10	30	101
25-1121	Art, Drama, and Music Teachers, Postsecondary	80	100	20	25%	20	40	101
25-1123	English Language and Literature Teachers, Postsecondary	90	110	20	22%	20	50	101
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	60	80	20	33%	10	30	101
25-2012	Kindergarten Teachers, Except Special Education	100	120	20	20%	10	30	101
27-1024	Graphic Designers	170	190	20	12%	20	40	101
27-2022	Coaches and Scouts	120	140	20	17%	20	40	101
27-3020	News Analysts, Reporters and Correspondents	160	180	20	13%	40	60	101
29-1122	Occupational Therapists	100	120	20	20%	10	40	101
31-2021	Physical Therapist Assistants	50	70	20	40%	10	30	101
31-9011	Massage Therapists	100	120	20	20%	20	40	101
31-9094	Medical Transcriptionists	110	130	20	18%	20	50	101
33-2021	Fire Inspectors and Investigators	90	110	20	22%	30	40	101
33-3012	Correctional Officers and Jailers	70	90	20	29%	20	30	101
39-4021	Funeral Attendants	70	90	20	29%	20	30	101
39-9011	Child Care Workers	1,040	1,060	20	2%	280	310	101
41-2021	Counter and Rental Clerks	350	370	20	6%	130	160	101
41-3021	Insurance Sales Agents	210	230	20	10%	50	60	101
43-4081	Hotel, Motel, and Resort Desk Clerks	130	150	20	15%	60	80	101
43-4121	Library Assistants, Clerical	100	120	20	20%	40	70	101
43-5031	Police, Fire, and Ambulance Dispatchers	130	150	20	15%	30	50	101
43-6012	Legal Secretaries	100	120	20	20%	20	40	101
43-6013	Medical Secretaries	200	220	20	10%	40	60	101
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	190	210	20	11%	60	70	101
47-2051	Cement Masons and Concrete Finishers	150	170	20	13%	30	50	101
47-2151	Pipelayers	160	180	20	13%	40	60	101
47-4051	Highway Maintenance Workers	190	210	20	11%	30	50	101
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	300	320	20	7%	110	130	101
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	80	100	20	25%	20	30	101
49-9098	Helpers--Installation, Maintenance, and Repair Workers	90	110	20	22%	30	40	101
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	140	160	20	14%	50	70	101
51-9031	Cutters and Trimmers, Hand	100	120	20	20%	20	40	101
11-2022	Sales Managers	100	110	10	10%	20	30	154
11-2031	Public Relations Managers	80	90	10	13%	10	20	154
11-3011	Administrative Services Managers	50	60	10	20%	10	20	154
11-3031	Financial Managers	170	180	10	6%	20	40	154
11-3040	Human Resources Managers	130	140	10	8%	20	40	154
11-3051	Industrial Production Managers	120	130	10	8%	20	30	154
11-3071	Transportation, Storage, and Distribution Managers	60	70	10	17%	10	20	154
11-9031	Education Administrators, Preschool and Child Care Center/Program	30	40	10	33%	10	10	154
11-9141	Property, Real Estate, and Community Association Managers	110	120	10	9%	20	30	154
11-9151	Social and Community Service Managers	90	100	10	11%	20	30	154
11-1031	Legislators	80	90	10	13%	10	20	154
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	70	80	10	14%	20	30	154
13-1061	Emergency Management Specialists	20	30	10	50%	10	10	154
13-1072	Compensation, Benefits, and Job Analysis Specialists	60	70	10	17%	10	20	154
13-1073	Training and Development Specialists	60	70	10	17%	10	30	154
13-2052	Personal Financial Advisors	50	60	10	20%	10	20	154
15-1011	Computer and Information Scientists, Research	40	50	10	25%	10	10	154
15-1021	Computer Programmers	370	380	10	3%	90	100	154
17-2031	Biomedical Engineers	40	50	10	25%	10	20	154
17-2051	Civil Engineers	70	80	10	14%	10	30	154
17-2061	Computer Hardware Engineers	50	60	10	20%	10	20	154
17-2112	Industrial Engineers	210	220	10	5%	50	60	154
17-3024	Electro-Mechanical Technicians	20	30	10	50%	10	10	154
17-3031	Surveying and Mapping Technicians	30	40	10	33%	10	30	154
19-1022	Microbiologists	40	50	10	25%	10	20	154
19-2031	Chemists	60	70	10	17%	20	30	154
19-2041	Environmental Scientists and Specialists, Including Health	40	50	10	25%	10	20	154
19-3031	Clinical, Counseling, and School Psychologists	70	80	10	14%	10	20	154
21-1092	Probation Officers and Correctional Treatment Specialists	60	70	10	17%	10	20	154
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	40	50	10	25%	10	20	154
25-1052	Chemistry Teachers, Postsecondary	40	50	10	25%	10	20	154
25-1054	Physics Teachers, Postsecondary	40	50	10	25%	10	20	154
25-1063	Economics Teachers, Postsecondary	20	30	10	50%	10	10	154
25-1065	Political Science Teachers, Postsecondary	20	30	10	50%	10	10	154
25-1067	Sociology Teachers, Postsecondary	30	40	10	33%	10	20	154

25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	10	50%	10	10	154
25-1125	History Teachers, Postsecondary	50	60	10	20%	10	30	154
25-1126	Philosophy and Religion Teachers, Postsecondary	30	40	10	33%	10	20	154
25-2022	Middle School Teachers, Except Special and Vocational Education	510	520	10	2%	110	120	154
25-2042	Special Education Teachers, Middle School	50	60	10	20%	10	20	154
25-4021	Librarians	190	200	10	5%	50	50	154
25-9031	Instructional Coordinators	70	80	10	14%	10	20	154
27-1021	Commercial and Industrial Designers	50	60	10	20%	10	10	154
27-2042	Musicians and Singers	150	160	10	7%	30	40	154
27-4011	Audio and Video Equipment Technicians	20	30	10	50%	10	10	154
27-4021	Photographers	80	90	10	13%	20	20	154
29-1011	Chiropractors	60	70	10	17%	10	20	154
29-1031	Dietitians and Nutritionists	40	50	10	25%	10	20	154
29-1062	Family and General Practitioners	60	70	10	17%	10	20	154
29-1067	Surgeons	30	40	10	33%	0	10	154
29-1071	Physician Assistants	20	30	10	50%	0	10	154
29-1125	Recreational Therapists	30	40	10	33%	10	20	154
29-1127	Speech-Language Pathologists	70	80	10	14%	20	30	154
29-1131	Veterinarians	30	40	10	33%	10	10	154
29-2011	Medical and Clinical Laboratory Technologists	50	60	10	20%	10	30	154
29-2012	Medical and Clinical Laboratory Technicians	80	90	10	13%	20	40	154
29-2051	Dietetic Technicians	100	110	10	10%	10	30	154
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	20	154
29-9091	Athletic Trainers	30	40	10	33%	10	20	154
31-2022	Physical Therapist Aides	30	40	10	33%	10	10	154
31-9095	Pharmacy Aides	120	130	10	8%	20	40	154
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	80	90	10	13%	10	20	154
33-1012	First-Line Supervisors/Managers of Police and Detectives	60	70	10	17%	20	30	154
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	30	40	10	33%	10	20	154
33-3021	Detectives and Criminal Investigators	50	60	10	20%	10	20	154
33-9091	Crossing Guards	30	40	10	33%	10	20	154
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	310	320	10	3%	70	90	154
39-1021	First-Line Supervisors/Managers of Personal Service Workers	110	120	10	9%	30	30	154
39-2021	Nonfarm Animal Caretakers	120	130	10	8%	30	40	154
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	40	10	33%	10	10	154
39-6021	Tour Guides and Escorts	20	30	10	50%	10	10	154
41-3011	Advertising Sales Agents	110	120	10	9%	20	30	154
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	80	90	10	13%	20	30	154
41-9022	Real Estate Sales Agents	220	230	10	5%	40	50	154
43-4031	Court, Municipal, and License Clerks	60	70	10	17%	10	30	154
43-4141	New Accounts Clerks	30	40	10	33%	10	10	154
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	100	110	10	10%	20	30	154
43-5032	Dispatchers, Except Police, Fire, and Ambulance	80	90	10	13%	20	30	154
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	70	80	10	14%	20	20	154
43-9031	Desktop Publishers	20	30	10	50%	10	10	154
45-2091	Agricultural Equipment Operators	30	40	10	33%	10	10	154
47-2071	Paving, Surfacing, and Tamping Equipment Operators	60	70	10	17%	10	20	154
47-2073	Operating Engineers and Other Construction Equipment Operators	920	930	10	1%	240	250	154
47-2082	Tapers	30	40	10	33%	10	10	154
47-2211	Sheet Metal Workers	100	110	10	10%	20	30	154
47-3012	Helpers--Carpenters	140	150	10	7%	60	70	154
47-3013	Helpers--Electricians	70	80	10	14%	30	30	154
49-3021	Automotive Body and Related Repairers	120	130	10	8%	30	30	154
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	170	180	10	6%	50	50	154
49-3041	Farm Equipment Mechanics	60	70	10	17%	10	20	154
49-9031	Home Appliance Repairers	120	130	10	8%	30	40	154
49-9041	Industrial Machinery Mechanics	190	200	10	5%	40	50	154
49-9044	Millwrights	120	130	10	8%	30	40	154
49-9052	Telecommunications Line Installers and Repairers	110	120	10	9%	30	40	154
51-2091	Fiberglass Laminators and Fabricators	20	30	10	50%	10	10	154
51-4121	Welders, Cutters, Solderers, and Brazers	300	310	10	3%	90	90	154
51-6011	Laundry and Dry-Cleaning Workers	140	150	10	7%	40	50	154
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	180	190	10	6%	40	40	154
51-9191	Cementing and Gluing Machine Operators and Tenders	20	30	10	50%	10	10	154
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	250	260	10	4%	60	70	154
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	40	50	10	25%	0	10	154
53-3021	Bus Drivers, Transit and Intercity	80	90	10	13%	20	30	154

53-7064	Packers and Packagers, Hand	660	670	10	2%	120	130	154
53-7081	Refuse and Recyclable Material Collectors	110	120	10	9%	30	30	154
11-2011	Advertising and Promotions Managers	30	30	0	0%	10	10	258
11-9011	Farm, Ranch, and Other Agricultural Managers	50	50	0	0%	10	10	258
11-9061	Funeral Directors	20	20	0	0%	10	10	258
11-9081	Lodging Managers	50	50	0	0%	10	10	258
11-9121	Natural Sciences Managers	40	40	0	0%	10	10	258
11-9131	Postmasters and Mail Superintendents	50	50	0	0%	10	10	258
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	258
13-1031	Claims Adjusters, Examiners, and Investigators	30	30	0	0%	0	10	258
13-1121	Meeting and Convention Planners	30	30	0	0%	10	10	258
13-2031	Budget Analysts	40	40	0	0%	10	10	258
13-2041	Credit Analysts	20	20	0	0%	0	0	258
13-2051	Financial Analysts	50	50	0	0%	10	10	258
13-2071	Loan Counselors	20	20	0	0%	0	0	258
15-2021	Mathematicians	20	20	0	0%	10	10	258
15-2041	Statisticians	20	20	0	0%	0	0	258
17-2041	Chemical Engineers	40	40	0	0%	10	10	258
17-2071	Electrical Engineers	80	80	0	0%	20	20	258
17-3012	Electrical and Electronics Drafters	30	30	0	0%	10	10	258
17-3013	Mechanical Drafters	50	50	0	0%	10	10	258
17-3026	Industrial Engineering Technicians	40	40	0	0%	10	10	258
17-3027	Mechanical Engineering Technicians	20	20	0	0%	0	10	258
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	0	258
19-1031	Conservation Scientists	60	60	0	0%	20	20	258
19-1032	Foresters	20	20	0	0%	0	10	258
19-1042	Medical Scientists, Except Epidemiologists	20	20	0	0%	0	10	258
19-2012	Physicists	30	30	0	0%	10	10	258
19-3041	Sociologists	20	20	0	0%	10	10	258
19-4021	Biological Technicians	20	20	0	0%	0	10	258
19-4031	Chemical Technicians	30	30	0	0%	10	10	258
21-1013	Marriage and Family Therapists	20	20	0	0%	10	10	258
21-1014	Mental Health Counselors	20	20	0	0%	0	10	258
21-2011	Clergy	20	20	0	0%	0	10	258
23-1023	Judges, Magistrate Judges, and Magistrates	30	30	0	0%	0	10	258
23-2091	Court Reporters	30	30	0	0%	0	10	258
23-2093	Title Examiners, Abstractors, and Searchers	120	120	0	0%	10	20	258
25-1021	Computer Science Teachers, Postsecondary	30	30	0	0%	10	10	258
25-1082	Library Science Teachers, Postsecondary	20	20	0	0%	0	10	258
25-2032	Vocational Education Teachers, Secondary School	110	110	0	0%	30	30	258
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	30	30	0	0%	0	10	258
27-1011	Art Directors	50	50	0	0%	10	10	258
27-1014	Multi-Media Artists and Animators	20	20	0	0%	10	10	258
27-1025	Interior Designers	30	30	0	0%	0	0	258
27-2012	Producers and Directors	20	20	0	0%	0	0	258
27-2031	Dancers	20	20	0	0%	10	10	258
27-2032	Choreographers	60	60	0	0%	30	40	258
27-3042	Technical Writers	20	20	0	0%	0	0	258
27-3043	Writers and Authors	70	70	0	0%	10	20	258
27-4012	Broadcast Technicians	20	20	0	0%	10	10	258
29-1061	Anesthesiologists	30	30	0	0%	0	10	258
29-1064	Obstetricians and Gynecologists	30	30	0	0%	0	10	258
29-1081	Podiatrists	20	20	0	0%	10	10	258
29-2031	Cardiovascular Technologists and Technicians	20	20	0	0%	0	10	258
29-2032	Diagnostic Medical Sonographers	30	30	0	0%	10	10	258
29-2081	Opticians, Dispensing	70	70	0	0%	10	20	258
29-9010	Occupational Health and Safety Specialists and Technicians	20	20	0	0%	10	10	258
31-1013	Psychiatric Aides	20	20	0	0%	0	0	258
33-3031	Fish and Game Wardens	30	30	0	0%	10	10	258
33-9021	Private Detectives and Investigators	30	30	0	0%	10	10	258
35-1011	Chefs and Head Cooks	120	120	0	0%	30	40	258
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	820	820	0	0%	200	200	258
35-2015	Cooks, Short Order	150	150	0	0%	50	50	258
35-3011	Bartenders	480	480	0	0%	190	190	258
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	380	380	0	0%	250	250	258
35-9021	Dishwashers	400	400	0	0%	140	140	258
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	100	100	0	0%	10	10	258

37-2021	Pest Control Workers	50	50	0	0%	10	10	258
39-5012	Hairdressers, Hairstylists, and Cosmetologists	230	230	0	0%	40	40	258
39-9041	Residential Advisors	30	30	0	0%	10	10	258
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	50	0	0%	10	10	258
41-9011	Demonstrators and Product Promoters	50	50	0	0%	10	20	258
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	880	880	0	0%	190	190	258
43-3021	Billing and Posting Clerks and Machine Operators	250	250	0	0%	40	40	258
43-3051	Payroll and Timekeeping Clerks	170	170	0	0%	40	40	258
43-5051	Postal Service Clerks	70	70	0	0%	20	20	258
43-5052	Postal Service Mail Carriers	380	380	0	0%	120	120	258
43-9041	Insurance Claims and Policy Processing Clerks	60	60	0	0%	10	10	258
43-9071	Office Machine Operators, Except Computer	20	20	0	0%	10	10	258
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	30	30	0	0%	10	10	258
45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	0%	10	20	258
45-4023	Log Graders and Scalers	20	20	0	0%	0	0	258
47-2021	Brickmasons and Blockmasons	120	120	0	0%	20	20	258
47-2022	Stonemasons	60	60	0	0%	10	10	258
47-2041	Carpet Installers	20	20	0	0%	0	10	258
47-2081	Drywall and Ceiling Tile Installers	50	50	0	0%	10	10	258
47-2141	Painters, Construction and Maintenance	270	270	0	0%	40	40	258
47-2161	Plasterers and Stucco Masons	40	40	0	0%	10	10	258
47-2181	Roofers	90	90	0	0%	20	30	258
47-3016	Helpers--Roofers	20	20	0	0%	10	10	258
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	10	10	258
47-5041	Continuous Mining Machine Operators	20	20	0	0%	10	10	258
47-5042	Mine Cutting and Channeling Machine Operators	40	40	0	0%	10	10	258
47-5051	Rock Splitters, Quarry	20	20	0	0%	10	10	258
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	258
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	20	0	0%	10	10	258
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	130	130	0	0%	30	30	258
49-3052	Motorcycle Mechanics	40	40	0	0%	10	10	258
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	20	20	0	0%	10	10	258
49-3093	Tire Repairers and Changers	140	140	0	0%	60	60	258
49-9043	Maintenance Workers, Machinery	80	80	0	0%	20	20	258
49-9051	Electrical Power-Line Installers and Repairers	90	90	0	0%	30	40	258
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	60	60	0	0%	10	20	258
51-2021	Coil Winders, Tapers, and Finishers	20	20	0	0%	10	10	258
51-2041	Structural Metal Fabricators and Fitters	30	30	0	0%	10	10	258
51-3011	Bakers	170	170	0	0%	40	40	258
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	100	100	0	0%	20	30	258
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	20	20	0	0%	10	10	258
51-3093	Food Cooking Machine Operators and Tenders	30	30	0	0%	10	10	258
51-4012	Numerical Tool and Process Control Programmers	20	20	0	0%	0	10	258
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	258
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30	30	0	0%	10	10	258
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plas	120	120	0	0%	20	20	258
51-4051	Metal-Refining Furnace Operators and Tenders	20	20	0	0%	0	0	258
51-5021	Job Printers	30	30	0	0%	10	10	258
51-6041	Shoe and Leather Workers and Repairers	20	20	0	0%	10	10	258
51-7021	Furniture Finishers	20	20	0	0%	0	0	258
51-8012	Power Distributors and Dispatchers	60	60	0	0%	20	20	258
51-8013	Power Plant Operators	20	20	0	0%	0	0	258
51-8021	Stationary Engineers and Boiler Operators	40	40	0	0%	10	10	258
51-8092	Gas Plant Operators	20	20	0	0%	10	10	258
51-9022	Grinding and Polishing Workers, Hand	30	30	0	0%	10	10	258
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	40	40	0	0%	10	10	258
51-9081	Dental Laboratory Technicians	30	30	0	0%	10	10	258
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	70	0	0%	20	20	258
51-9122	Painters, Transportation Equipment	20	20	0	0%	10	10	258
51-9123	Painting, Coating, and Decorating Workers	20	20	0	0%	10	10	258
51-9131	Photographic Process Workers	30	30	0	0%	10	10	258
51-9132	Photographic Processing Machine Operators	30	30	0	0%	10	10	258
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	0%	10	10	258
51-9198	Helpers--Production Workers	200	200	0	0%	60	60	258
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	200	200	0	0%	50	50	258
53-2012	Commercial Pilots	20	20	0	0%	0	10	258
53-6031	Service Station Attendants	30	30	0	0%	20	20	258

53-7011	Conveyor Operators and Tenders	50	50	0	0%	10	10	258
53-7021	Crane and Tower Operators	40	40	0	0%	10	10	258
53-7032	Excavating and Loading Machine and Dragline Operators	110	110	0	0%	30	30	258
53-7051	Industrial Truck and Tractor Operators	530	530	0	0%	100	100	258
53-7061	Cleaners of Vehicles and Equipment	210	210	0	0%	70	70	258
11-3061	Purchasing Managers	60	50	-10	-17%	10	10	395
15-2031	Operations Research Analysts	30	20	-10	-33%	10	10	395
27-1023	Floral Designers	90	80	-10	-11%	10	10	395
27-3010	Announcers	90	80	-10	-11%	20	20	395
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	90	80	-10	-11%	20	20	395
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	270	-10	-4%	50	50	395
41-2022	Parts Salespersons	160	150	-10	-6%	50	50	395
41-3041	Travel Agents	50	40	-10	-20%	10	10	395
41-9021	Real Estate Brokers	60	50	-10	-17%	10	10	395
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	60	50	-10	-17%	10	10	395
43-2011	Switchboard Operators, Including Answering Service	180	170	-10	-6%	50	50	395
43-3061	Procurement Clerks	90	80	-10	-11%	20	20	395
43-4061	Eligibility Interviewers, Government Programs	80	70	-10	-13%	20	20	395
43-4071	File Clerks	120	110	-10	-8%	40	40	395
43-5021	Couriers and Messengers	50	40	-10	-20%	10	10	395
43-5041	Meter Readers, Utilities	60	50	-10	-17%	20	20	395
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	130	120	-10	-8%	40	40	395
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	80	70	-10	-13%	20	20	395
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	80	70	-10	-13%	30	30	395
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	60	50	-10	-17%	20	20	395
47-5061	Roof Bolters, Mining	40	30	-10	-25%	10	10	395
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	30	-10	-25%	0	0	395
49-9064	Watch Repairers	20	10	-10	-50%	10	10	395
51-3021	Butchers and Meat Cutters	80	70	-10	-13%	20	20	395
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	110	-10	-8%	20	20	395
51-4041	Machinists	210	200	-10	-5%	50	50	395
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	250	240	-10	-4%	60	60	395
51-4194	Tool Grinders, Filers, and Sharpeners	40	30	-10	-25%	10	10	395
51-5022	Prepress Technicians and Workers	110	100	-10	-9%	30	30	395
51-5023	Printing Machine Operators	190	180	-10	-5%	40	40	395
51-6052	Tailors, Dressmakers, and Custom Sewers	70	60	-10	-14%	10	10	395
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20%	10	10	395
51-7011	Cabinetmakers and Bench Carpenters	220	210	-10	-5%	50	50	395
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	100	90	-10	-10%	30	30	395
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	80	70	-10	-13%	20	20	395
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	150	140	-10	-7%	40	40	395
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20	10	-10	-50%	0	0	395
53-7033	Loading Machine Operators, Underground Mining	20	10	-10	-50%	10	10	395
53-7063	Machine Feeders and Offbearers	200	190	-10	-5%	50	50	395
11-9051	Food Service Managers	500	480	-20	-4%	80	80	434
13-1022	Wholesale and Retail Buyers, Except Farm Products	180	160	-20	-11%	50	50	434
39-3031	Ushers, Lobby Attendants, and Ticket Takers	70	50	-20	-29%	40	40	434
43-4131	Loan Interviewers and Clerks	90	70	-20	-22%	10	10	434
43-4151	Order Clerks	220	200	-20	-9%	50	50	434
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	130	110	-20	-15%	30	30	434
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	990	970	-20	-2%	210	210	434
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	160	140	-20	-13%	20	20	434
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	250	230	-20	-8%	60	60	434
51-5011	Bindery Workers	110	90	-20	-18%	30	30	434
51-6021	Pressers, Textile, Garment, and Related Materials	90	70	-20	-22%	10	10	434
51-6031	Sewing Machine Operators	180	160	-20	-11%	20	20	434
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	140	120	-20	-14%	40	40	434
43-9022	Word Processors and Typists	70	40	-30	-43%	20	20	447
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	90	60	-30	-33%	20	20	447
53-3022	Bus Drivers, School	670	640	-30	-4%	150	150	447
41-9041	Telemarketers	360	320	-40	-11%	60	60	450
43-9011	Computer Operators	170	130	-40	-24%	40	40	450
51-4111	Tool and Die Makers	320	280	-40	-13%	70	70	450
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,290	1,240	-50	-4%	230	230	453
43-2021	Telephone Operators	80	30	-50	-63%	20	20	453
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,760	1,710	-50	-3%	330	330	453
43-5071	Shipping, Receiving, and Traffic Clerks	580	530	-50	-9%	120	120	453

43-9021	Data Entry Keyers	250	200	-50	-20%	60	60	453
53-3031	Driver/Sales Workers	690	640	-50	-7%	110	110	453
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,340	1,290	-50	-4%	440	440	453
41-2011	Cashiers	3,240	3,180	-60	-2%	1,580	1,580	460
35-2012	Cooks, Institution and Cafeteria	720	650	-70	-10%	220	220	461
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	220	150	-70	-32%	60	60	461
35-2011	Cooks, Fast Food	810	720	-90	-11%	250	250	463
51-6093	Upholsterers	170	70	-100	-59%	40	40	464
51-2022	Electrical and Electronic Equipment Assemblers	190	50	-140	-74%	40	40	465
43-6014	Secretaries, Except Legal, Medical, and Executive	1,730	1,580	-150	-9%	330	330	466
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	200	50	-150	-75%	40	40	466
43-5081	Stock Clerks and Order Fillers	1,310	1,090	-220	-17%	490	490	468
51-2092	Team Assemblers	3,560	3,000	-560	-16%	920	920	469

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 08

Ranked by Growth Rate (Percent Change 2002-2012)
All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	Rank
	Total, All Occupations	117,620	125,360	7,740	7%	28,660	39,330	
15-1081	Network Systems and Data Communications Analysts	40	80	40	100%	10	40	1
21-1023	Mental Health and Substance Abuse Social Workers	30	50	20	67%	10	30	2
31-9092	Medical Assistants	130	200	70	54%	20	100	3
29-1126	Respiratory Therapists	150	230	80	53%	50	130	4
13-1061	Emergency Management Specialists	20	30	10	50%	10	10	5
15-1031	Computer Software Engineers, Applications	60	90	30	50%	10	40	5
15-1032	Computer Software Engineers, Systems Software	60	90	30	50%	10	30	5
15-1061	Database Administrators	40	60	20	50%	0	20	5
17-1011	Architects, Except Landscape and Naval	40	60	20	50%	10	30	5
17-3024	Electro-Mechanical Technicians	20	30	10	50%	10	10	5
25-1063	Economics Teachers, Postsecondary	20	30	10	50%	10	10	5
25-1065	Political Science Teachers, Postsecondary	20	30	10	50%	10	10	5
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	10	50%	10	10	5
27-4011	Audio and Video Equipment Technicians	20	30	10	50%	10	10	5
29-1071	Physician Assistants	20	30	10	50%	0	10	5
29-2053	Psychiatric Technicians	100	150	50	50%	10	60	5
39-6021	Tour Guides and Escorts	20	30	10	50%	10	10	5
43-9031	Desktop Publishers	20	30	10	50%	10	10	5
51-2091	Fiberglass Laminators and Fabricators	20	30	10	50%	10	10	5
51-9191	Cementing and Gluing Machine Operators and Tenders	20	30	10	50%	10	10	5
43-4111	Interviewers, Except Eligibility and Loan	110	160	50	45%	30	80	21
29-2071	Medical Records and Health Information Technicians	120	170	50	42%	20	60	22
53-3041	Taxi Drivers and Chauffeurs	170	240	70	41%	20	90	23
39-9021	Personal and Home Care Aides	560	790	230	41%	90	320	24
21-1093	Social and Human Service Assistants	250	350	100	40%	40	150	25
25-1066	Psychology Teachers, Postsecondary	50	70	20	40%	10	30	25
25-1112	Law Teachers, Postsecondary	50	70	20	40%	10	30	25
31-2021	Physical Therapist Assistants	50	70	20	40%	10	30	25
21-1015	Rehabilitation Counselors	80	110	30	38%	20	50	29
47-4011	Construction and Building Inspectors	80	110	30	38%	20	50	29
29-1111	Registered Nurses	1,650	2,260	610	37%	350	950	31
13-1071	Employment, Recruitment, and Placement Specialists	110	150	40	36%	20	50	32
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	110	150	40	36%	30	60	32
11-9111	Medical and Health Services Managers	230	310	80	35%	50	120	34
25-1011	Business Teachers, Postsecondary	230	310	80	35%	50	130	34
31-1011	Home Health Aides	230	310	80	35%	30	110	34
11-9031	Education Administrators, Preschool and Child Care Center/Program	30	40	10	33%	10	10	37
17-1022	Surveyors	60	80	20	33%	20	40	37
17-3031	Surveying and Mapping Technicians	30	40	10	33%	10	30	37
25-1067	Sociology Teachers, Postsecondary	30	40	10	33%	10	20	37
25-1122	Communications Teachers, Postsecondary	90	120	30	33%	20	50	37
25-1126	Philosophy and Religion Teachers, Postsecondary	30	40	10	33%	10	20	37
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	60	80	20	33%	10	30	37
29-1067	Surgeons	30	40	10	33%	0	10	37
29-1125	Recreational Therapists	30	40	10	33%	10	20	37
29-1131	Veterinarians	30	40	10	33%	10	10	37
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	20	37
29-2055	Surgical Technologists	90	120	30	33%	10	40	37
29-9091	Athletic Trainers	30	40	10	33%	10	20	37
31-2022	Physical Therapist Aides	30	40	10	33%	10	10	37
31-9091	Dental Assistants	270	360	90	33%	80	170	37
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	30	40	10	33%	10	20	37
33-3051	Police and Sheriff's Patrol Officers	390	520	130	33%	100	230	37
33-9091	Crossing Guards	30	40	10	33%	10	20	37

39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	40	10	33%	10	10	37
43-4141	New Accounts Clerks	30	40	10	33%	10	10	37
45-2091	Agricultural Equipment Operators	30	40	10	33%	10	10	37
47-2082	Tapers	30	40	10	33%	10	10	37
39-3091	Amusement and Recreation Attendants	190	250	60	32%	60	110	59
25-1081	Education Teachers, Postsecondary	160	210	50	31%	40	90	60
15-1071	Network and Computer Systems Administrators	130	170	40	31%	10	50	61
29-2021	Dental Hygienists	130	170	40	31%	10	50	61
29-2034	Radiologic Technologists and Technicians	130	170	40	31%	30	60	61
13-2082	Tax Preparers	100	130	30	30%	20	40	64
25-1124	Foreign Language and Literature Teachers, Postsecondary	100	130	30	30%	20	50	64
29-2041	Emergency Medical Technicians and Paramedics	170	220	50	29%	20	70	66
15-1051	Computer Systems Analysts	420	540	120	29%	50	170	67
25-1022	Mathematical Science Teachers, Postsecondary	70	90	20	29%	20	30	67
25-1071	Health Specialties Teachers, Postsecondary	70	90	20	29%	20	40	67
29-1051	Pharmacists	210	270	60	29%	40	100	67
33-3012	Correctional Officers and Jailers	70	90	20	29%	20	30	67
35-3041	Food Servers, Nonrestaurant	140	180	40	29%	50	80	67
39-4021	Funeral Attendants	70	90	20	29%	20	30	67
25-1191	Graduate Teaching Assistants	1,830	2,330	500	27%	410	910	74
11-9033	Education Administrators, Postsecondary	110	140	30	27%	30	50	75
25-2043	Special Education Teachers, Secondary School	110	140	30	27%	30	50	75
27-3031	Public Relations Specialists	110	140	30	27%	20	50	75
29-1123	Physical Therapists	150	190	40	27%	10	60	78
15-1011	Computer and Information Scientists, Research	40	50	10	25%	10	10	79
17-2031	Biomedical Engineers	40	50	10	25%	10	20	79
17-3011	Architectural and Civil Drafters	80	100	20	25%	20	50	79
19-1022	Microbiologists	40	50	10	25%	10	20	79
19-2041	Environmental Scientists and Specialists, Including Health	40	50	10	25%	10	20	79
19-3021	Market Research Analysts	160	200	40	25%	40	80	79
21-1022	Medical and Public Health Social Workers	80	100	20	25%	10	30	79
23-2011	Paralegals and Legal Assistants	80	100	20	25%	10	30	79
25-1042	Biological Science Teachers, Postsecondary	80	100	20	25%	20	40	79
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	40	50	10	25%	10	20	79
25-1052	Chemistry Teachers, Postsecondary	40	50	10	25%	10	20	79
25-1054	Physics Teachers, Postsecondary	40	50	10	25%	10	20	79
25-1121	Art, Drama, and Music Teachers, Postsecondary	80	100	20	25%	20	40	79
29-1031	Dietitians and Nutritionists	40	50	10	25%	10	20	79
33-2011	Fire Fighters	440	550	110	25%	130	240	79
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	80	100	20	25%	20	30	79
51-8031	Water and Liquid Waste Treatment Plant and System Operators	120	150	30	25%	40	70	79
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	40	50	10	25%	0	10	79
11-3021	Computer and Information Systems Managers	210	260	50	24%	40	90	97
29-2052	Pharmacy Technicians	210	260	50	24%	30	80	97
23-1011	Lawyers	170	210	40	24%	20	60	99
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	170	210	40	24%	20	60	99
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	130	160	30	23%	30	60	101
39-9031	Fitness Trainers and Aerobics Instructors	130	160	30	23%	30	60	101
11-2021	Marketing Managers	90	110	20	22%	20	30	103
13-2021	Appraisers and Assessors of Real Estate	90	110	20	22%	20	40	103
25-1123	English Language and Literature Teachers, Postsecondary	90	110	20	22%	20	50	103
33-2021	Fire Inspectors and Investigators	90	110	20	22%	30	40	103
49-9098	Helpers--Installation, Maintenance, and Repair Workers	90	110	20	22%	30	40	103
25-4031	Library Technicians	140	170	30	21%	50	80	108
11-3011	Administrative Services Managers	50	60	10	20%	10	20	109
11-9041	Engineering Managers	100	120	20	20%	20	40	109
13-2052	Personal Financial Advisors	50	60	10	20%	10	20	109
15-1041	Computer Support Specialists	200	240	40	20%	30	60	109
17-2061	Computer Hardware Engineers	50	60	10	20%	10	20	109
21-1011	Substance Abuse and Behavioral Disorder Counselors	150	180	30	20%	40	60	109
25-1125	History Teachers, Postsecondary	50	60	10	20%	10	30	109
25-2012	Kindergarten Teachers, Except Special Education	100	120	20	20%	10	30	109
25-2042	Special Education Teachers, Middle School	50	60	10	20%	10	20	109
27-1021	Commercial and Industrial Designers	50	60	10	20%	10	10	109
29-1122	Occupational Therapists	100	120	20	20%	10	40	109
29-2011	Medical and Clinical Laboratory Technologists	50	60	10	20%	10	30	109
31-9011	Massage Therapists	100	120	20	20%	20	40	109

33-3021	Detectives and Criminal Investigators	50	60	10	20%	10	20	109
43-4121	Library Assistants, Clerical	100	120	20	20%	40	70	109
43-6012	Legal Secretaries	100	120	20	20%	20	40	109
51-9031	Cutters and Trimmers, Hand	100	120	20	20%	20	40	109
31-1012	Nursing Aides, Orderlies, and Attendants	1,750	2,090	340	19%	230	570	126
13-1111	Management Analysts	310	370	60	19%	40	100	127
43-5061	Production, Planning, and Expediting Clerks	260	310	50	19%	60	110	128
39-9032	Recreation Workers	160	190	30	19%	40	60	129
43-4171	Receptionists and Information Clerks	870	1,030	160	18%	210	380	130
31-9094	Medical Transcriptionists	110	130	20	18%	20	50	131
51-9111	Packaging and Filling Machine Operators and Tenders	440	520	80	18%	90	170	131
11-3071	Transportation, Storage, and Distribution Managers	60	70	10	17%	10	20	133
13-1072	Compensation, Benefits, and Job Analysis Specialists	60	70	10	17%	10	20	133
13-1073	Training and Development Specialists	60	70	10	17%	10	30	133
19-2031	Chemists	60	70	10	17%	20	30	133
21-1092	Probation Officers and Correctional Treatment Specialists	60	70	10	17%	10	20	133
27-2022	Coaches and Scouts	120	140	20	17%	20	40	133
29-1011	Chiropractors	60	70	10	17%	10	20	133
29-1062	Family and General Practitioners	60	70	10	17%	10	20	133
33-1012	First-Line Supervisors/Managers of Police and Detectives	60	70	10	17%	20	30	133
43-4031	Court, Municipal, and License Clerks	60	70	10	17%	10	30	133
47-2071	Paving, Surfacing, and Tamping Equipment Operators	60	70	10	17%	10	20	133
49-3041	Farm Equipment Mechanics	60	70	10	17%	10	20	133
27-3041	Editors	190	220	30	16%	50	70	145
43-3011	Bill and Account Collectors	190	220	30	16%	40	70	145
43-4081	Hotel, Motel, and Resort Desk Clerks	130	150	20	15%	60	80	147
43-5031	Police, Fire, and Ambulance Dispatchers	130	150	20	15%	30	50	147
29-2061	Licensed Practical and Licensed Vocational Nurses	850	980	130	15%	190	310	149
25-2011	Preschool Teachers, Except Special Education	270	310	40	15%	30	80	150
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	70	80	10	14%	20	30	151
17-2051	Civil Engineers	70	80	10	14%	10	30	151
19-3031	Clinical, Counseling, and School Psychologists	70	80	10	14%	10	20	151
25-9031	Instructional Coordinators	70	80	10	14%	10	20	151
29-1127	Speech-Language Pathologists	70	80	10	14%	20	30	151
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	70	80	10	14%	20	20	151
47-3013	Helpers--Electricians	70	80	10	14%	30	30	151
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	140	160	20	14%	50	70	151
47-2051	Cement Masons and Concrete Finishers	150	170	20	13%	30	50	159
25-9041	Teacher Assistants	860	970	110	13%	170	280	160
11-2031	Public Relations Managers	80	90	10	13%	10	20	161
11-1031	Legislators	80	90	10	13%	10	20	161
13-2072	Loan Officers	160	180	20	13%	30	50	161
27-3020	News Analysts, Reporters and Correspondents	160	180	20	13%	40	60	161
27-4021	Photographers	80	90	10	13%	20	20	161
29-2012	Medical and Clinical Laboratory Technicians	80	90	10	13%	20	40	161
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	80	90	10	13%	10	20	161
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	80	90	10	13%	20	30	161
43-5032	Dispatchers, Except Police, Fire, and Ambulance	80	90	10	13%	20	30	161
47-2151	Pipelayers	160	180	20	13%	40	60	161
53-3021	Bus Drivers, Transit and Intercity	80	90	10	13%	20	30	161
11-9032	Education Administrators, Elementary and Secondary School	170	190	20	12%	40	60	172
13-1051	Cost Estimators	170	190	20	12%	40	60	172
27-1024	Graphic Designers	170	190	20	12%	20	40	172
25-2031	Secondary School Teachers, Except Special and Vocational Education	960	1,070	110	11%	270	380	175
17-2072	Electronics Engineers, Except Computer	710	790	80	11%	140	220	176
11-9151	Social and Community Service Managers	90	100	10	11%	20	30	177
49-9042	Maintenance and Repair Workers, General	1,270	1,410	140	11%	250	390	178
43-6011	Executive Secretaries and Administrative Assistants	1,010	1,120	110	11%	190	310	179
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	370	410	40	11%	60	100	180
47-2111	Electricians	560	620	60	11%	110	170	181
43-3071	Tellers	380	420	40	11%	190	220	182
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	190	210	20	11%	60	70	182
47-4051	Highway Maintenance Workers	190	210	20	11%	30	50	182
11-2022	Sales Managers	100	110	10	10%	20	30	185
29-2051	Dietetic Technicians	100	110	10	10%	10	30	185
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	100	110	10	10%	20	30	185
43-6013	Medical Secretaries	200	220	20	10%	40	60	185

47-2211	Sheet Metal Workers	100	110	10	10%	20	30	185
11-1021	General and Operations Managers	1,240	1,360	120	10%	230	350	190
35-2021	Food Preparation Workers	840	920	80	10%	300	370	191
41-3021	Insurance Sales Agents	210	230	20	10%	50	60	191
17-3023	Electrical and Electronic Engineering Technicians	740	810	70	9%	150	230	193
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,010	2,200	190	9%	330	520	194
13-2011	Accountants and Auditors	530	580	50	9%	100	150	195
11-9141	Property, Real Estate, and Community Association Managers	110	120	10	9%	20	30	196
11-1011	Chief Executives	220	240	20	9%	40	60	196
39-1021	First-Line Supervisors/Managers of Personal Service Workers	110	120	10	9%	30	30	196
41-3011	Advertising Sales Agents	110	120	10	9%	20	30	196
49-9052	Telecommunications Line Installers and Repairers	110	120	10	9%	30	40	196
53-7081	Refuse and Recyclable Material Collectors	110	120	10	9%	30	30	196
11-9021	Construction Managers	230	250	20	9%	40	60	202
11-3051	Industrial Production Managers	120	130	10	8%	20	30	203
21-1012	Educational, Vocational, and School Counselors	360	390	30	8%	80	120	203
31-9095	Pharmacy Aides	120	130	10	8%	20	40	203
39-2021	Nonfarm Animal Caretakers	120	130	10	8%	30	40	203
49-3021	Automotive Body and Related Repairers	120	130	10	8%	30	30	203
49-9031	Home Appliance Repairers	120	130	10	8%	30	40	203
49-9044	Millwrights	120	130	10	8%	30	40	203
21-1021	Child, Family, and School Social Workers	380	410	30	8%	60	100	210
11-3040	Human Resources Managers	130	140	10	8%	20	40	211
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	260	280	20	8%	60	80	211
35-2014	Cooks, Restaurant	650	700	50	8%	200	250	211
25-3021	Self-Enrichment Education Teachers	400	430	30	8%	50	80	214
37-3011	Landscaping and Groundskeeping Workers	810	870	60	7%	180	230	215
47-2152	Plumbers, Pipefitters, and Steamfitters	550	590	40	7%	130	170	216
51-3023	Slaughterers and Meat Packers	830	890	60	7%	180	250	217
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	700	750	50	7%	230	290	218
47-3012	Helpers--Carpenters	140	150	10	7%	60	70	218
51-6011	Laundry and Dry-Cleaning Workers	140	150	10	7%	40	50	218
43-4051	Customer Service Representatives	720	770	50	7%	110	160	221
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,600	2,780	180	7%	1,130	1,310	222
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,910	2,040	130	7%	360	490	223
25-2021	Elementary School Teachers, Except Special Education	740	790	50	7%	160	220	224
49-3023	Automotive Service Technicians and Mechanics	740	790	50	7%	200	240	224
27-2042	Musicians and Singers	150	160	10	7%	30	40	226
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	300	320	20	7%	110	130	226
35-3031	Waiters and Waitresses	1,870	1,990	120	6%	960	1,080	228
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	470	500	30	6%	120	140	229
37-2012	Maids and Housekeeping Cleaners	790	840	50	6%	170	220	230
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	640	680	40	6%	110	150	231
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	490	520	30	6%	150	190	232
11-3031	Financial Managers	170	180	10	6%	20	40	233
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	680	720	40	6%	180	220	233
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	170	180	10	6%	50	50	233
33-9032	Security Guards	690	730	40	6%	150	190	236
41-2021	Counter and Rental Clerks	350	370	20	6%	130	160	237
47-2031	Carpenters	1,060	1,120	60	6%	170	230	238
17-2141	Mechanical Engineers	360	380	20	6%	100	120	239
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	180	190	10	6%	40	40	239
25-4021	Librarians	190	200	10	5%	50	50	241
49-9041	Industrial Machinery Mechanics	190	200	10	5%	40	50	241
17-2112	Industrial Engineers	210	220	10	5%	50	60	243
47-2061	Construction Laborers	850	890	40	5%	110	160	244
41-9022	Real Estate Sales Agents	220	230	10	5%	40	50	245
53-3033	Truck Drivers, Light or Delivery Services	660	690	30	5%	60	100	245
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	720	750	30	4%	170	190	247
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	250	260	10	4%	60	70	248
51-4121	Welders, Cutters, Solderers, and Brazers	300	310	10	3%	90	90	249
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	310	320	10	3%	70	90	250
15-1021	Computer Programmers	370	380	10	3%	90	100	251
41-2031	Retail Salespersons	3,390	3,480	90	3%	1,230	1,320	252
25-2022	Middle School Teachers, Except Special and Vocational Education	510	520	10	2%	110	120	253
39-9011	Child Care Workers	1,040	1,060	20	2%	280	310	254
53-7064	Packers and Packagers, Hand	660	670	10	2%	120	130	255

43-9061	Office Clerks, General	2,550	2,580	30	1%	570	600	256
47-2073	Operating Engineers and Other Construction Equipment Operators	920	930	10	1%	240	250	257
11-2011	Advertising and Promotions Managers	30	30	0	0%	10	10	258
11-9011	Farm, Ranch, and Other Agricultural Managers	50	50	0	0%	10	10	258
11-9061	Funeral Directors	20	20	0	0%	10	10	258
11-9081	Lodging Managers	50	50	0	0%	10	10	258
11-9121	Natural Sciences Managers	40	40	0	0%	10	10	258
11-9131	Postmasters and Mail Superintendents	50	50	0	0%	10	10	258
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	258
13-1031	Claims Adjusters, Examiners, and Investigators	30	30	0	0%	0	10	258
13-1121	Meeting and Convention Planners	30	30	0	0%	10	10	258
13-2031	Budget Analysts	40	40	0	0%	10	10	258
13-2041	Credit Analysts	20	20	0	0%	0	0	258
13-2051	Financial Analysts	50	50	0	0%	10	10	258
13-2071	Loan Counselors	20	20	0	0%	0	0	258
15-2021	Mathematicians	20	20	0	0%	10	10	258
15-2041	Statisticians	20	20	0	0%	0	0	258
17-2041	Chemical Engineers	40	40	0	0%	10	10	258
17-2071	Electrical Engineers	80	80	0	0%	20	20	258
17-3012	Electrical and Electronics Drafters	30	30	0	0%	10	10	258
17-3013	Mechanical Drafters	50	50	0	0%	10	10	258
17-3026	Industrial Engineering Technicians	40	40	0	0%	10	10	258
17-3027	Mechanical Engineering Technicians	20	20	0	0%	0	10	258
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	0	258
19-1031	Conservation Scientists	60	60	0	0%	20	20	258
19-1032	Foresters	20	20	0	0%	0	10	258
19-1042	Medical Scientists, Except Epidemiologists	20	20	0	0%	0	10	258
19-2012	Physicists	30	30	0	0%	10	10	258
19-3041	Sociologists	20	20	0	0%	10	10	258
19-4021	Biological Technicians	20	20	0	0%	0	10	258
19-4031	Chemical Technicians	30	30	0	0%	10	10	258
21-1013	Marriage and Family Therapists	20	20	0	0%	10	10	258
21-1014	Mental Health Counselors	20	20	0	0%	0	10	258
21-2011	Clergy	20	20	0	0%	0	10	258
23-1023	Judges, Magistrate Judges, and Magistrates	30	30	0	0%	0	10	258
23-2091	Court Reporters	30	30	0	0%	0	10	258
23-2093	Title Examiners, Abstractors, and Searchers	120	120	0	0%	10	20	258
25-1021	Computer Science Teachers, Postsecondary	30	30	0	0%	10	10	258
25-1082	Library Science Teachers, Postsecondary	20	20	0	0%	0	10	258
25-2032	Vocational Education Teachers, Secondary School	110	110	0	0%	30	30	258
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	30	30	0	0%	0	10	258
27-1011	Art Directors	50	50	0	0%	10	10	258
27-1014	Multi-Media Artists and Animators	20	20	0	0%	10	10	258
27-1025	Interior Designers	30	30	0	0%	0	0	258
27-2012	Producers and Directors	20	20	0	0%	0	0	258
27-2031	Dancers	20	20	0	0%	10	10	258
27-2032	Choreographers	60	60	0	0%	30	40	258
27-3042	Technical Writers	20	20	0	0%	0	0	258
27-3043	Writers and Authors	70	70	0	0%	10	20	258
27-4012	Broadcast Technicians	20	20	0	0%	10	10	258
29-1061	Anesthesiologists	30	30	0	0%	0	10	258
29-1064	Obstetricians and Gynecologists	30	30	0	0%	0	10	258
29-1081	Podiatrists	20	20	0	0%	10	10	258
29-2031	Cardiovascular Technologists and Technicians	20	20	0	0%	0	10	258
29-2032	Diagnostic Medical Sonographers	30	30	0	0%	10	10	258
29-2081	Opticians, Dispensing	70	70	0	0%	10	20	258
29-9010	Occupational Health and Safety Specialists and Technicians	20	20	0	0%	10	10	258
31-1013	Psychiatric Aides	20	20	0	0%	0	0	258
33-3031	Fish and Game Wardens	30	30	0	0%	10	10	258
33-9021	Private Detectives and Investigators	30	30	0	0%	10	10	258
35-1011	Chefs and Head Cooks	120	120	0	0%	30	40	258
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	820	820	0	0%	200	200	258
35-2015	Cooks, Short Order	150	150	0	0%	50	50	258
35-3011	Bartenders	480	480	0	0%	190	190	258
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	380	380	0	0%	250	250	258
35-9021	Dishwashers	400	400	0	0%	140	140	258
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	100	100	0	0%	10	10	258

37-2021	Pest Control Workers	50	50	0	0%	10	10	258
39-5012	Hairdressers, Hairstylists, and Cosmetologists	230	230	0	0%	40	40	258
39-9041	Residential Advisors	30	30	0	0%	10	10	258
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	50	0	0%	10	10	258
41-9011	Demonstrators and Product Promoters	50	50	0	0%	10	20	258
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	880	880	0	0%	190	190	258
43-3021	Billing and Posting Clerks and Machine Operators	250	250	0	0%	40	40	258
43-3051	Payroll and Timekeeping Clerks	170	170	0	0%	40	40	258
43-5051	Postal Service Clerks	70	70	0	0%	20	20	258
43-5052	Postal Service Mail Carriers	380	380	0	0%	120	120	258
43-9041	Insurance Claims and Policy Processing Clerks	60	60	0	0%	10	10	258
43-9071	Office Machine Operators, Except Computer	20	20	0	0%	10	10	258
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	30	30	0	0%	10	10	258
45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	0%	10	20	258
45-4023	Log Graders and Scalers	20	20	0	0%	0	0	258
47-2021	Brickmasons and Blockmasons	120	120	0	0%	20	20	258
47-2022	Stonemasons	60	60	0	0%	10	10	258
47-2041	Carpet Installers	20	20	0	0%	0	10	258
47-2081	Drywall and Ceiling Tile Installers	50	50	0	0%	10	10	258
47-2141	Painters, Construction and Maintenance	270	270	0	0%	40	40	258
47-2161	Plasterers and Stucco Masons	40	40	0	0%	10	10	258
47-2181	Roofers	90	90	0	0%	20	30	258
47-3016	Helpers--Roofers	20	20	0	0%	10	10	258
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	10	10	258
47-5041	Continuous Mining Machine Operators	20	20	0	0%	10	10	258
47-5042	Mine Cutting and Channeling Machine Operators	40	40	0	0%	10	10	258
47-5051	Rock Splitters, Quarry	20	20	0	0%	10	10	258
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	258
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	20	0	0%	10	10	258
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	130	130	0	0%	30	30	258
49-3052	Motorcycle Mechanics	40	40	0	0%	10	10	258
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	20	20	0	0%	10	10	258
49-3093	Tire Repairers and Changers	140	140	0	0%	60	60	258
49-9043	Maintenance Workers, Machinery	80	80	0	0%	20	20	258
49-9051	Electrical Power-Line Installers and Repairers	90	90	0	0%	30	40	258
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	60	60	0	0%	10	20	258
51-2021	Coil Winders, Tapers, and Finishers	20	20	0	0%	10	10	258
51-2041	Structural Metal Fabricators and Fitters	30	30	0	0%	10	10	258
51-3011	Bakers	170	170	0	0%	40	40	258
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	100	100	0	0%	20	30	258
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	20	20	0	0%	10	10	258
51-3093	Food Cooking Machine Operators and Tenders	30	30	0	0%	10	10	258
51-4012	Numerical Tool and Process Control Programmers	20	20	0	0%	0	10	258
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	258
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30	30	0	0%	10	10	258
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	120	0	0%	20	20	258
51-4051	Metal-Refining Furnace Operators and Tenders	20	20	0	0%	0	0	258
51-5021	Job Printers	30	30	0	0%	10	10	258
51-6041	Shoe and Leather Workers and Repairers	20	20	0	0%	10	10	258
51-7021	Furniture Finishers	20	20	0	0%	0	0	258
51-8012	Power Distributors and Dispatchers	60	60	0	0%	20	20	258
51-8013	Power Plant Operators	20	20	0	0%	0	0	258
51-8021	Stationary Engineers and Boiler Operators	40	40	0	0%	10	10	258
51-8092	Gas Plant Operators	20	20	0	0%	10	10	258
51-9022	Grinding and Polishing Workers, Hand	30	30	0	0%	10	10	258
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	40	40	0	0%	10	10	258
51-9081	Dental Laboratory Technicians	30	30	0	0%	10	10	258
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	70	0	0%	20	20	258
51-9122	Painters, Transportation Equipment	20	20	0	0%	10	10	258
51-9123	Painting, Coating, and Decorating Workers	20	20	0	0%	10	10	258
51-9131	Photographic Process Workers	30	30	0	0%	10	10	258
51-9132	Photographic Processing Machine Operators	30	30	0	0%	10	10	258
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	0%	10	10	258
51-9198	Helpers--Production Workers	200	200	0	0%	60	60	258
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	200	200	0	0%	50	50	258
53-2012	Commercial Pilots	20	20	0	0%	0	10	258
53-6031	Service Station Attendants	30	30	0	0%	20	20	258

53-7011	Conveyor Operators and Tenders	50	50	0	0%	10	10	258
53-7021	Crane and Tower Operators	40	40	0	0%	10	10	258
53-7032	Excavating and Loading Machine and Dragline Operators	110	110	0	0%	30	30	258
53-7051	Industrial Truck and Tractor Operators	530	530	0	0%	100	100	258
53-7061	Cleaners of Vehicles and Equipment	210	210	0	0%	70	70	258
41-2011	Cashiers	3,240	3,180	-60	-2%	1,580	1,580	395
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	990	970	-20	-2%	210	210	396
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,760	1,710	-50	-3%	330	330	397
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	270	-10	-4%	50	50	398
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,340	1,290	-50	-4%	440	440	399
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,290	1,240	-50	-4%	230	230	400
11-9051	Food Service Managers	500	480	-20	-4%	80	80	401
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plas	250	240	-10	-4%	60	60	401
53-3022	Bus Drivers, School	670	640	-30	-4%	150	150	403
51-7011	Cabinetmakers and Bench Carpenters	220	210	-10	-5%	50	50	404
51-4041	Machinists	210	200	-10	-5%	50	50	405
53-7063	Machine Feeders and Offbearers	200	190	-10	-5%	50	50	406
51-5023	Printing Machine Operators	190	180	-10	-5%	40	40	407
43-2011	Switchboard Operators, Including Answering Service	180	170	-10	-6%	50	50	408
41-2022	Parts Salespersons	160	150	-10	-6%	50	50	409
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	150	140	-10	-7%	40	40	410
53-3031	Driver/Sales Workers	690	640	-50	-7%	110	110	411
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	130	120	-10	-8%	40	40	412
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	250	230	-20	-8%	60	60	413
43-4071	File Clerks	120	110	-10	-8%	40	40	414
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	110	-10	-8%	20	20	414
43-5071	Shipping, Receiving, and Traffic Clerks	580	530	-50	-9%	120	120	416
43-6014	Secretaries, Except Legal, Medical, and Executive	1,730	1,580	-150	-9%	330	330	417
43-4151	Order Clerks	220	200	-20	-9%	50	50	418
51-5022	Prepress Technicians and Workers	110	100	-10	-9%	30	30	418
35-2012	Cooks, Institution and Cafeteria	720	650	-70	-10%	220	220	420
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tend	100	90	-10	-10%	30	30	421
13-1022	Wholesale and Retail Buyers, Except Farm Products	180	160	-20	-11%	50	50	422
27-1023	Floral Designers	90	80	-10	-11%	10	10	422
27-3010	Announcers	90	80	-10	-11%	20	20	422
35-2011	Cooks, Fast Food	810	720	-90	-11%	250	250	422
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	90	80	-10	-11%	20	20	422
41-9041	Telemarketers	360	320	-40	-11%	60	60	422
43-3061	Procurement Clerks	90	80	-10	-11%	20	20	422
51-6031	Sewing Machine Operators	180	160	-20	-11%	20	20	422
43-4061	Eligibility Interviewers, Government Programs	80	70	-10	-13%	20	20	430
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	80	70	-10	-13%	20	20	430
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	80	70	-10	-13%	30	30	430
51-3021	Butchers and Meat Cutters	80	70	-10	-13%	20	20	430
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	160	140	-20	-13%	20	20	430
51-4111	Tool and Die Makers	320	280	-40	-13%	70	70	430
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	80	70	-10	-13%	20	20	430
51-6052	Tailors, Dressmakers, and Custom Sewers	70	60	-10	-14%	10	10	437
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	140	120	-20	-14%	40	40	437
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	130	110	-20	-15%	30	30	439
51-2092	Team Assemblers	3,560	3,000	-560	-16%	920	920	440
11-3061	Purchasing Managers	60	50	-10	-17%	10	10	441
41-9021	Real Estate Brokers	60	50	-10	-17%	10	10	441
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	60	50	-10	-17%	10	10	441
43-5041	Meter Readers, Utilities	60	50	-10	-17%	20	20	441
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	60	50	-10	-17%	20	20	441
43-5081	Stock Clerks and Order Fillers	1,310	1,090	-220	-17%	490	490	446
51-5011	Bindery Workers	110	90	-20	-18%	30	30	447
41-3041	Travel Agents	50	40	-10	-20%	10	10	448
43-5021	Couriers and Messengers	50	40	-10	-20%	10	10	448
43-9021	Data Entry Keyers	250	200	-50	-20%	60	60	448
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20%	10	10	448
43-4131	Loan Interviewers and Clerks	90	70	-20	-22%	10	10	452
51-6021	Pressers, Textile, Garment, and Related Materials	90	70	-20	-22%	10	10	452
43-9011	Computer Operators	170	130	-40	-24%	40	40	454
47-5061	Roof Bolters, Mining	40	30	-10	-25%	10	10	455
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	30	-10	-25%	0	0	455

51-4194	Tool Grinders, Filers, and Sharpeners	40	30	-10	-25%	10	10	455
39-3031	Ushers, Lobby Attendants, and Ticket Takers	70	50	-20	-29%	40	40	458
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	220	150	-70	-32%	60	60	459
15-2031	Operations Research Analysts	30	20	-10	-33%	10	10	460
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	90	60	-30	-33%	20	20	460
43-9022	Word Processors and Typists	70	40	-30	-43%	20	20	462
49-9064	Watch Repairers	20	10	-10	-50%	10	10	463
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20	10	-10	-50%	0	0	463
53-7033	Loading Machine Operators, Underground Mining	20	10	-10	-50%	10	10	463
51-6093	Upholsterers	170	70	-100	-59%	40	40	466
43-2021	Telephone Operators	80	30	-50	-63%	20	20	467
51-2022	Electrical and Electronic Equipment Assemblers	190	50	-140	-74%	40	40	468
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	200	50	-150	-75%	40	40	469

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 08

Ranked by Total Openings 2002-2012

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	Rank
Total, All Occupations		117,620	125,360	7,740	7%	28,660	39,330	
41-2011	Cashiers	3,240	3,180	-60	-2%	1,580	1,580	1
41-2031	Retail Salespersons	3,390	3,480	90	3%	1,230	1,320	2
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,600	2,780	180	7%	1,130	1,310	3
35-3031	Waiters and Waitresses	1,870	1,990	120	6%	960	1,080	4
29-1111	Registered Nurses	1,650	2,260	610	37%	350	950	5
51-2092	Team Assemblers	3,560	3,000	-560	-16%	920	920	6
25-1191	Graduate Teaching Assistants	1,830	2,330	500	27%	410	910	7
43-9061	Office Clerks, General	2,550	2,580	30	1%	570	600	8
31-1012	Nursing Aides, Orderlies, and Attendants	1,750	2,090	340	19%	230	570	9
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,010	2,200	190	9%	330	520	10
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,910	2,040	130	7%	360	490	11
43-5081	Stock Clerks and Order Fillers	1,310	1,090	-220	-17%	490	490	11
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,340	1,290	-50	-4%	440	440	13
49-9042	Maintenance and Repair Workers, General	1,270	1,410	140	11%	250	390	14
25-2031	Secondary School Teachers, Except Special and Vocational Education	960	1,070	110	11%	270	380	15
43-4171	Receptionists and Information Clerks	870	1,030	160	18%	210	380	15
35-2021	Food Preparation Workers	840	920	80	10%	300	370	17
11-1021	General and Operations Managers	1,240	1,360	120	10%	230	350	18
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,760	1,710	-50	-3%	330	330	19
43-6014	Secretaries, Except Legal, Medical, and Executive	1,730	1,580	-150	-9%	330	330	19
39-9021	Personal and Home Care Aides	560	790	230	41%	90	320	21
29-2061	Licensed Practical and Licensed Vocational Nurses	850	980	130	15%	190	310	22
39-9011	Child Care Workers	1,040	1,060	20	2%	280	310	22
43-6011	Executive Secretaries and Administrative Assistants	1,010	1,120	110	11%	190	310	22
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	700	750	50	7%	230	290	25
25-9041	Teacher Assistants	860	970	110	13%	170	280	26
35-2011	Cooks, Fast Food	810	720	-90	-11%	250	250	27
35-2014	Cooks, Restaurant	650	700	50	8%	200	250	27
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	380	380	0	0%	250	250	27
47-2073	Operating Engineers and Other Construction Equipment Operators	920	930	10	1%	240	250	27
51-3023	Slaughtering and Meat Packers	830	890	60	7%	180	250	27
33-2011	Fire Fighters	440	550	110	25%	130	240	32
49-3023	Automotive Service Technicians and Mechanics	740	790	50	7%	200	240	32
17-3023	Electrical and Electronic Engineering Technicians	740	810	70	9%	150	230	34
33-3051	Police and Sheriff's Patrol Officers	390	520	130	33%	100	230	34
37-3011	Landscaping and Groundskeeping Workers	810	870	60	7%	180	230	34
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,290	1,240	-50	-4%	230	230	34
47-2031	Carpenters	1,060	1,120	60	6%	170	230	34
17-2072	Electronics Engineers, Except Computer	710	790	80	11%	140	220	39
25-2021	Elementary School Teachers, Except Special Education	740	790	50	7%	160	220	39
35-2012	Cooks, Institution and Cafeteria	720	650	-70	-10%	220	220	39
37-2012	Maids and Housekeeping Cleaners	790	840	50	6%	170	220	39
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	680	720	40	6%	180	220	39
43-3071	Tellers	380	420	40	11%	190	220	39
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	990	970	-20	-2%	210	210	45
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	820	820	0	0%	200	200	46
33-9032	Security Guards	690	730	40	6%	150	190	47
35-3011	Bartenders	480	480	0	0%	190	190	47
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	490	520	30	6%	150	190	47
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	880	880	0	0%	190	190	47
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	720	750	30	4%	170	190	47
15-1051	Computer Systems Analysts	420	540	120	29%	50	170	52
31-9091	Dental Assistants	270	360	90	33%	80	170	52
47-2111	Electricians	560	620	60	11%	110	170	52

47-2152 Plumbers, Pipefitters, and Steamfitters	550	590	40	7%	130	170	52
51-9111 Packaging and Filling Machine Operators and Tenders	440	520	80	18%	90	170	52
41-2021 Counter and Rental Clerks	350	370	20	6%	130	160	57
43-4051 Customer Service Representatives	720	770	50	7%	110	160	57
47-2061 Construction Laborers	850	890	40	5%	110	160	57
13-2011 Accountants and Auditors	530	580	50	9%	100	150	60
21-1093 Social and Human Service Assistants	250	350	100	40%	40	150	60
47-1011 First-Line Supervisors/Managers of Construction Trades and Extraction Workers	640	680	40	6%	110	150	60
53-3022 Bus Drivers, School	670	640	-30	-4%	150	150	60
35-9021 Dishwashers	400	400	0	0%	140	140	64
49-1011 First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	470	500	30	6%	120	140	64
25-1011 Business Teachers, Postsecondary	230	310	80	35%	50	130	66
29-1126 Respiratory Therapists	150	230	80	53%	50	130	66
47-5031 Explosives Workers, Ordnance Handling Experts, and Blasters	300	320	20	7%	110	130	66
53-7064 Packers and Packagers, Hand	660	670	10	2%	120	130	66
11-9111 Medical and Health Services Managers	230	310	80	35%	50	120	70
17-2141 Mechanical Engineers	360	380	20	6%	100	120	70
21-1012 Educational, Vocational, and School Counselors	360	390	30	8%	80	120	70
25-2022 Middle School Teachers, Except Special and Vocational Education	510	520	10	2%	110	120	70
43-5052 Postal Service Mail Carriers	380	380	0	0%	120	120	70
43-5071 Shipping, Receiving, and Traffic Clerks	580	530	-50	-9%	120	120	70
31-1011 Home Health Aides	230	310	80	35%	30	110	76
39-3091 Amusement and Recreation Attendants	190	250	60	32%	60	110	76
43-5061 Production, Planning, and Expediting Clerks	260	310	50	19%	60	110	76
53-3031 Driver/Sales Workers	690	640	-50	-7%	110	110	76
13-1111 Management Analysts	310	370	60	19%	40	100	80
15-1021 Computer Programmers	370	380	10	3%	90	100	80
21-1021 Child, Family, and School Social Workers	380	410	30	8%	60	100	80
29-1051 Pharmacists	210	270	60	29%	40	100	80
31-9092 Medical Assistants	130	200	70	54%	20	100	80
51-4011 Computer-Controlled Machine Tool Operators, Metal and Plastic	370	410	40	11%	60	100	80
53-3033 Truck Drivers, Light or Delivery Services	660	690	30	5%	60	100	80
53-7051 Industrial Truck and Tractor Operators	530	530	0	0%	100	100	80
11-3021 Computer and Information Systems Managers	210	260	50	24%	40	90	88
25-1081 Education Teachers, Postsecondary	160	210	50	31%	40	90	88
37-1011 First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	310	320	10	3%	70	90	88
51-4121 Welders, Cutters, Solderers, and Brazers	300	310	10	3%	90	90	88
53-3041 Taxi Drivers and Chauffeurs	170	240	70	41%	20	90	88
11-9051 Food Service Managers	500	480	-20	-4%	80	80	93
13-1023 Purchasing Agents, Except Wholesale, Retail, and Farm Products	260	280	20	8%	60	80	93
19-3021 Market Research Analysts	160	200	40	25%	40	80	93
25-2011 Preschool Teachers, Except Special Education	270	310	40	15%	30	80	93
25-3021 Self-Enrichment Education Teachers	400	430	30	8%	50	80	93
25-4031 Library Technicians	140	170	30	21%	50	80	93
29-2052 Pharmacy Technicians	210	260	50	24%	30	80	93
35-3041 Food Servers, Nonrestaurant	140	180	40	29%	50	80	93
43-4081 Hotel, Motel, and Resort Desk Clerks	130	150	20	15%	60	80	93
43-4111 Interviewers, Except Eligibility and Loan	110	160	50	45%	30	80	93
27-3041 Editors	190	220	30	16%	50	70	103
29-2041 Emergency Medical Technicians and Paramedics	170	220	50	29%	20	70	103
43-3011 Bill and Account Collectors	190	220	30	16%	40	70	103
43-4121 Library Assistants, Clerical	100	120	20	20%	40	70	103
45-2092 Farmworkers and Laborers, Crop, Nursery, and Greenhouse	190	210	20	11%	60	70	103
47-3012 Helpers--Carpenters	140	150	10	7%	60	70	103
51-4021 Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	140	160	20	14%	50	70	103
51-4111 Tool and Die Makers	320	280	-40	-13%	70	70	103
51-8031 Water and Liquid Waste Treatment Plant and System Operators	120	150	30	25%	40	70	103
53-1031 First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	250	260	10	4%	60	70	103
53-7061 Cleaners of Vehicles and Equipment	210	210	0	0%	70	70	103
11-9021 Construction Managers	230	250	20	9%	40	60	114
11-9032 Education Administrators, Elementary and Secondary School	170	190	20	12%	40	60	114
11-1011 Chief Executives	220	240	20	9%	40	60	114
13-1051 Cost Estimators	170	190	20	12%	40	60	114
15-1041 Computer Support Specialists	200	240	40	20%	30	60	114
17-2112 Industrial Engineers	210	220	10	5%	50	60	114
21-1011 Substance Abuse and Behavioral Disorder Counselors	150	180	30	20%	40	60	114
23-1011 Lawyers	170	210	40	24%	20	60	114

25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	110	150	40	36%	30	60	114
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	130	160	30	23%	30	60	114
27-3020	News Analysts, Reporters and Correspondents	160	180	20	13%	40	60	114
29-1123	Physical Therapists	150	190	40	27%	10	60	114
29-2034	Radiologic Technologists and Technicians	130	170	40	31%	30	60	114
29-2053	Psychiatric Technicians	100	150	50	50%	10	60	114
29-2071	Medical Records and Health Information Technicians	120	170	50	42%	20	60	114
39-9031	Fitness Trainers and Aerobics Instructors	130	160	30	23%	30	60	114
39-9032	Recreation Workers	160	190	30	19%	40	60	114
41-3021	Insurance Sales Agents	210	230	20	10%	50	60	114
41-9041	Telemarketers	360	320	-40	-11%	60	60	114
43-6013	Medical Secretaries	200	220	20	10%	40	60	114
43-9021	Data Entry Keyers	250	200	-50	-20%	60	60	114
47-2151	Pipelayers	160	180	20	13%	40	60	114
49-3093	Tire Repairers and Changers	140	140	0	0%	60	60	114
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	170	210	40	24%	20	60	114
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	250	230	-20	-8%	60	60	114
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	250	240	-10	-4%	60	60	114
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	220	150	-70	-32%	60	60	114
51-9198	Helpers--Production Workers	200	200	0	0%	60	60	114
11-9033	Education Administrators, Postsecondary	110	140	30	27%	30	50	142
13-1022	Wholesale and Retail Buyers, Except Farm Products	180	160	-20	-11%	50	50	142
13-1071	Employment, Recruitment, and Placement Specialists	110	150	40	36%	20	50	142
13-2072	Loan Officers	160	180	20	13%	30	50	142
15-1071	Network and Computer Systems Administrators	130	170	40	31%	10	50	142
17-3011	Architectural and Civil Drafters	80	100	20	25%	20	50	142
21-1015	Rehabilitation Counselors	80	110	30	38%	20	50	142
25-1122	Communications Teachers, Postsecondary	90	120	30	33%	20	50	142
25-1123	English Language and Literature Teachers, Postsecondary	90	110	20	22%	20	50	142
25-1124	Foreign Language and Literature Teachers, Postsecondary	100	130	30	30%	20	50	142
25-2043	Special Education Teachers, Secondary School	110	140	30	27%	30	50	142
25-4021	Librarians	190	200	10	5%	50	50	142
27-3031	Public Relations Specialists	110	140	30	27%	20	50	142
29-2021	Dental Hygienists	130	170	40	31%	10	50	142
31-9094	Medical Transcriptionists	110	130	20	18%	20	50	142
35-2015	Cooks, Short Order	150	150	0	0%	50	50	142
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	270	-10	-4%	50	50	142
41-2022	Parts Salespersons	160	150	-10	-6%	50	50	142
41-9022	Real Estate Sales Agents	220	230	10	5%	40	50	142
43-2011	Switchboard Operators, Including Answering Service	180	170	-10	-6%	50	50	142
43-4151	Order Clerks	220	200	-20	-9%	50	50	142
43-5031	Police, Fire, and Ambulance Dispatchers	130	150	20	15%	30	50	142
47-2051	Cement Masons and Concrete Finishers	150	170	20	13%	30	50	142
47-4011	Construction and Building Inspectors	80	110	30	38%	20	50	142
47-4051	Highway Maintenance Workers	190	210	20	11%	30	50	142
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	170	180	10	6%	50	50	142
49-9041	Industrial Machinery Mechanics	190	200	10	5%	40	50	142
51-4041	Machinists	210	200	-10	-5%	50	50	142
51-6011	Laundry and Dry-Cleaning Workers	140	150	10	7%	40	50	142
51-7011	Cabinetmakers and Bench Carpenters	220	210	-10	-5%	50	50	142
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	200	200	0	0%	50	50	142
53-7063	Machine Feeders and Offbearers	200	190	-10	-5%	50	50	142
11-3031	Financial Managers	170	180	10	6%	20	40	174
11-3040	Human Resources Managers	130	140	10	8%	20	40	174
11-9041	Engineering Managers	100	120	20	20%	20	40	174
13-2021	Appraisers and Assessors of Real Estate	90	110	20	22%	20	40	174
13-2082	Tax Preparers	100	130	30	30%	20	40	174
15-1031	Computer Software Engineers, Applications	60	90	30	50%	10	40	174
15-1081	Network Systems and Data Communications Analysts	40	80	40	100%	10	40	174
17-1022	Surveyors	60	80	20	33%	20	40	174
25-1042	Biological Science Teachers, Postsecondary	80	100	20	25%	20	40	174
25-1071	Health Specialties Teachers, Postsecondary	70	90	20	29%	20	40	174
25-1121	Art, Drama, and Music Teachers, Postsecondary	80	100	20	25%	20	40	174
27-1024	Graphic Designers	170	190	20	12%	20	40	174
27-2022	Coaches and Scouts	120	140	20	17%	20	40	174
27-2032	Choreographers	60	60	0	0%	30	40	174
27-2042	Musicians and Singers	150	160	10	7%	30	40	174

29-1122 Occupational Therapists	100	120	20	20%	10	40	174
29-2012 Medical and Clinical Laboratory Technicians	80	90	10	13%	20	40	174
29-2055 Surgical Technologists	90	120	30	33%	10	40	174
31-9011 Massage Therapists	100	120	20	20%	20	40	174
31-9095 Pharmacy Aides	120	130	10	8%	20	40	174
33-2021 Fire Inspectors and Investigators	90	110	20	22%	30	40	174
35-1011 Chefs and Head Cooks	120	120	0	0%	30	40	174
39-2021 Nonfarm Animal Caretakers	120	130	10	8%	30	40	174
39-3031 Ushers, Lobby Attendants, and Ticket Takers	70	50	-20	-29%	40	40	174
39-5012 Hairdressers, Hairstylists, and Cosmetologists	230	230	0	0%	40	40	174
43-3021 Billing and Posting Clerks and Machine Operators	250	250	0	0%	40	40	174
43-3051 Payroll and Timekeeping Clerks	170	170	0	0%	40	40	174
43-4071 File Clerks	120	110	-10	-8%	40	40	174
43-5053 Postal Service Mail Sorters, Processors, and Processing Machine Operators	130	120	-10	-8%	40	40	174
43-6012 Legal Secretaries	100	120	20	20%	20	40	174
43-9011 Computer Operators	170	130	-40	-24%	40	40	174
47-2141 Painters, Construction and Maintenance	270	270	0	0%	40	40	174
49-2097 Electronic Home Entertainment Equipment Installers and Repairers	200	50	-150	-75%	40	40	174
49-9031 Home Appliance Repairers	120	130	10	8%	30	40	174
49-9044 Millwrights	120	130	10	8%	30	40	174
49-9051 Electrical Power-Line Installers and Repairers	90	90	0	0%	30	40	174
49-9052 Telecommunications Line Installers and Repairers	110	120	10	9%	30	40	174
49-9098 Helpers--Installation, Maintenance, and Repair Workers	90	110	20	22%	30	40	174
51-2022 Electrical and Electronic Equipment Assemblers	190	50	-140	-74%	40	40	174
51-3011 Bakers	170	170	0	0%	40	40	174
51-5023 Printing Machine Operators	190	180	-10	-5%	40	40	174
51-6093 Upholsterers	170	70	-100	-59%	40	40	174
51-7041 Sawing Machine Setters, Operators, and Tenders, Wood	140	120	-20	-14%	40	40	174
51-9023 Mixing and Blending Machine Setters, Operators, and Tenders	150	140	-10	-7%	40	40	174
51-9031 Cutters and Trimmers, Hand	100	120	20	20%	20	40	174
51-9032 Cutting and Slicing Machine Setters, Operators, and Tenders	180	190	10	6%	40	40	174
11-2021 Marketing Managers	90	110	20	22%	20	30	220
11-2022 Sales Managers	100	110	10	10%	20	30	220
11-3051 Industrial Production Managers	120	130	10	8%	20	30	220
11-9141 Property, Real Estate, and Community Association Managers	110	120	10	9%	20	30	220
11-9151 Social and Community Service Managers	90	100	10	11%	20	30	220
13-1041 Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	70	80	10	14%	20	30	220
13-1073 Training and Development Specialists	60	70	10	17%	10	30	220
15-1032 Computer Software Engineers, Systems Software	60	90	30	50%	10	30	220
17-1011 Architects, Except Landscape and Naval	40	60	20	50%	10	30	220
17-2051 Civil Engineers	70	80	10	14%	10	30	220
17-3031 Surveying and Mapping Technicians	30	40	10	33%	10	30	220
19-2031 Chemists	60	70	10	17%	20	30	220
21-1022 Medical and Public Health Social Workers	80	100	20	25%	10	30	220
21-1023 Mental Health and Substance Abuse Social Workers	30	50	20	67%	10	30	220
23-2011 Paralegals and Legal Assistants	80	100	20	25%	10	30	220
25-1022 Mathematical Science Teachers, Postsecondary	70	90	20	29%	20	30	220
25-1066 Psychology Teachers, Postsecondary	50	70	20	40%	10	30	220
25-1112 Law Teachers, Postsecondary	50	70	20	40%	10	30	220
25-1125 History Teachers, Postsecondary	50	60	10	20%	10	30	220
25-1193 Recreation and Fitness Studies Teachers, Postsecondary	60	80	20	33%	10	30	220
25-2012 Kindergarten Teachers, Except Special Education	100	120	20	20%	10	30	220
25-2032 Vocational Education Teachers, Secondary School	110	110	0	0%	30	30	220
29-1127 Speech-Language Pathologists	70	80	10	14%	20	30	220
29-2011 Medical and Clinical Laboratory Technologists	50	60	10	20%	10	30	220
29-2051 Dietetic Technicians	100	110	10	10%	10	30	220
31-2021 Physical Therapist Assistants	50	70	20	40%	10	30	220
33-1012 First-Line Supervisors/Managers of Police and Detectives	60	70	10	17%	20	30	220
33-3012 Correctional Officers and Jailers	70	90	20	29%	20	30	220
39-1021 First-Line Supervisors/Managers of Personal Service Workers	110	120	10	9%	30	30	220
39-4021 Funeral Attendants	70	90	20	29%	20	30	220
41-3011 Advertising Sales Agents	110	120	10	9%	20	30	220
41-4011 Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	80	90	10	13%	20	30	220
43-4031 Court, Municipal, and License Clerks	60	70	10	17%	10	30	220
43-4161 Human Resources Assistants, Except Payroll and Timekeeping	100	110	10	10%	20	30	220
43-5032 Dispatchers, Except Police, Fire, and Ambulance	80	90	10	13%	20	30	220
47-2181 Roofers	90	90	0	0%	20	30	220

47-2211	Sheet Metal Workers	100	110	10	10%	20	30	220
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	80	70	-10	-13%	30	30	220
47-3013	Helpers--Electricians	70	80	10	14%	30	30	220
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	130	110	-20	-15%	30	30	220
49-3021	Automotive Body and Related Repairers	120	130	10	8%	30	30	220
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	130	130	0	0%	30	30	220
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	80	100	20	25%	20	30	220
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	100	100	0	0%	20	30	220
51-5011	Bindery Workers	110	90	-20	-18%	30	30	220
51-5022	Prepress Technicians and Workers	110	100	-10	-9%	30	30	220
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	100	90	-10	-10%	30	30	220
53-3021	Bus Drivers, Transit and Intercity	80	90	10	13%	20	30	220
53-7032	Excavating and Loading Machine and Dragline Operators	110	110	0	0%	30	30	220
53-7081	Refuse and Recyclable Material Collectors	110	120	10	9%	30	30	220
11-2031	Public Relations Managers	80	90	10	13%	10	20	270
11-3011	Administrative Services Managers	50	60	10	20%	10	20	270
11-3071	Transportation, Storage, and Distribution Managers	60	70	10	17%	10	20	270
11-1031	Legislators	80	90	10	13%	10	20	270
13-1072	Compensation, Benefits, and Job Analysis Specialists	60	70	10	17%	10	20	270
13-2052	Personal Financial Advisors	50	60	10	20%	10	20	270
15-1061	Database Administrators	40	60	20	50%	0	20	270
17-2031	Biomedical Engineers	40	50	10	25%	10	20	270
17-2061	Computer Hardware Engineers	50	60	10	20%	10	20	270
17-2071	Electrical Engineers	80	80	0	0%	20	20	270
19-1022	Microbiologists	40	50	10	25%	10	20	270
19-1031	Conservation Scientists	60	60	0	0%	20	20	270
19-2041	Environmental Scientists and Specialists, Including Health	40	50	10	25%	10	20	270
19-3031	Clinical, Counseling, and School Psychologists	70	80	10	14%	10	20	270
21-1092	Probation Officers and Correctional Treatment Specialists	60	70	10	17%	10	20	270
23-2093	Title Examiners, Abstractors, and Searchers	120	120	0	0%	10	20	270
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	40	50	10	25%	10	20	270
25-1052	Chemistry Teachers, Postsecondary	40	50	10	25%	10	20	270
25-1054	Physics Teachers, Postsecondary	40	50	10	25%	10	20	270
25-1067	Sociology Teachers, Postsecondary	30	40	10	33%	10	20	270
25-1126	Philosophy and Religion Teachers, Postsecondary	30	40	10	33%	10	20	270
25-2042	Special Education Teachers, Middle School	50	60	10	20%	10	20	270
25-9031	Instructional Coordinators	70	80	10	14%	10	20	270
27-3010	Announcers	90	80	-10	-11%	20	20	270
27-3043	Writers and Authors	70	70	0	0%	10	20	270
27-4021	Photographers	80	90	10	13%	20	20	270
29-1011	Chiropractors	60	70	10	17%	10	20	270
29-1031	Dietitians and Nutritionists	40	50	10	25%	10	20	270
29-1062	Family and General Practitioners	60	70	10	17%	10	20	270
29-1125	Recreational Therapists	30	40	10	33%	10	20	270
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	20	270
29-2081	Opticians, Dispensing	70	70	0	0%	10	20	270
29-9091	Athletic Trainers	30	40	10	33%	10	20	270
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	80	90	10	13%	10	20	270
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	30	40	10	33%	10	20	270
33-3021	Detectives and Criminal Investigators	50	60	10	20%	10	20	270
33-9091	Crossing Guards	30	40	10	33%	10	20	270
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	90	80	-10	-11%	20	20	270
41-9011	Demonstrators and Product Promoters	50	50	0	0%	10	20	270
43-2021	Telephone Operators	80	30	-50	-63%	20	20	270
43-3061	Procurement Clerks	90	80	-10	-11%	20	20	270
43-4061	Eligibility Interviewers, Government Programs	80	70	-10	-13%	20	20	270
43-5041	Meter Readers, Utilities	60	50	-10	-17%	20	20	270
43-5051	Postal Service Clerks	70	70	0	0%	20	20	270
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	70	80	10	14%	20	20	270
43-9022	Word Processors and Typists	70	40	-30	-43%	20	20	270
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	80	70	-10	-13%	20	20	270
45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	0%	10	20	270
47-2021	Brickmasons and Blockmasons	120	120	0	0%	20	20	270
47-2071	Paving, Surfacing, and Tamping Equipment Operators	60	70	10	17%	10	20	270
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	60	50	-10	-17%	20	20	270
49-3041	Farm Equipment Mechanics	60	70	10	17%	10	20	270
49-9043	Maintenance Workers, Machinery	80	80	0	0%	20	20	270

49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	60	60	0	0%	10	20	270
51-3021	Butchers and Meat Cutters	80	70	-10	-13%	20	20	270
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	160	140	-20	-13%	20	20	270
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	120	0	0%	20	20	270
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	110	-10	-8%	20	20	270
51-6031	Sewing Machine Operators	180	160	-20	-11%	20	20	270
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	90	60	-30	-33%	20	20	270
51-8012	Power Distributors and Dispatchers	60	60	0	0%	20	20	270
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	80	70	-10	-13%	20	20	270
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	70	0	0%	20	20	270
53-6031	Service Station Attendants	30	30	0	0%	20	20	270
11-2011	Advertising and Promotions Managers	30	30	0	0%	10	10	334
11-3061	Purchasing Managers	60	50	-10	-17%	10	10	334
11-9011	Farm, Ranch, and Other Agricultural Managers	50	50	0	0%	10	10	334
11-9031	Education Administrators, Preschool and Child Care Center/Program	30	40	10	33%	10	10	334
11-9061	Funeral Directors	20	20	0	0%	10	10	334
11-9081	Lodging Managers	50	50	0	0%	10	10	334
11-9121	Natural Sciences Managers	40	40	0	0%	10	10	334
11-9131	Postmasters and Mail Superintendents	50	50	0	0%	10	10	334
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	334
13-1031	Claims Adjusters, Examiners, and Investigators	30	30	0	0%	0	10	334
13-1061	Emergency Management Specialists	20	30	10	50%	10	10	334
13-1121	Meeting and Convention Planners	30	30	0	0%	10	10	334
13-2031	Budget Analysts	40	40	0	0%	10	10	334
13-2051	Financial Analysts	50	50	0	0%	10	10	334
15-1011	Computer and Information Scientists, Research	40	50	10	25%	10	10	334
15-2021	Mathematicians	20	20	0	0%	10	10	334
15-2031	Operations Research Analysts	30	20	-10	-33%	10	10	334
17-2041	Chemical Engineers	40	40	0	0%	10	10	334
17-3012	Electrical and Electronics Drafters	30	30	0	0%	10	10	334
17-3013	Mechanical Drafters	50	50	0	0%	10	10	334
17-3024	Electro-Mechanical Technicians	20	30	10	50%	10	10	334
17-3026	Industrial Engineering Technicians	40	40	0	0%	10	10	334
17-3027	Mechanical Engineering Technicians	20	20	0	0%	0	10	334
19-1032	Foresters	20	20	0	0%	0	10	334
19-1042	Medical Scientists, Except Epidemiologists	20	20	0	0%	0	10	334
19-2012	Physicists	30	30	0	0%	10	10	334
19-3041	Sociologists	20	20	0	0%	10	10	334
19-4021	Biological Technicians	20	20	0	0%	0	10	334
19-4031	Chemical Technicians	30	30	0	0%	10	10	334
21-1013	Marriage and Family Therapists	20	20	0	0%	10	10	334
21-1014	Mental Health Counselors	20	20	0	0%	0	10	334
21-2011	Clergy	20	20	0	0%	0	10	334
23-1023	Judges, Magistrate Judges, and Magistrates	30	30	0	0%	0	10	334
23-2091	Court Reporters	30	30	0	0%	0	10	334
25-1021	Computer Science Teachers, Postsecondary	30	30	0	0%	10	10	334
25-1063	Economics Teachers, Postsecondary	20	30	10	50%	10	10	334
25-1065	Political Science Teachers, Postsecondary	20	30	10	50%	10	10	334
25-1082	Library Science Teachers, Postsecondary	20	20	0	0%	0	10	334
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	10	50%	10	10	334
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	30	30	0	0%	0	10	334
27-1011	Art Directors	50	50	0	0%	10	10	334
27-1014	Multi-Media Artists and Animators	20	20	0	0%	10	10	334
27-1021	Commercial and Industrial Designers	50	60	10	20%	10	10	334
27-1023	Floral Designers	90	80	-10	-11%	10	10	334
27-2031	Dancers	20	20	0	0%	10	10	334
27-4011	Audio and Video Equipment Technicians	20	30	10	50%	10	10	334
27-4012	Broadcast Technicians	20	20	0	0%	10	10	334
29-1061	Anesthesiologists	30	30	0	0%	0	10	334
29-1064	Obstetricians and Gynecologists	30	30	0	0%	0	10	334
29-1067	Surgeons	30	40	10	33%	0	10	334
29-1071	Physician Assistants	20	30	10	50%	0	10	334
29-1081	Podiatrists	20	20	0	0%	10	10	334
29-1131	Veterinarians	30	40	10	33%	10	10	334
29-2031	Cardiovascular Technologists and Technicians	20	20	0	0%	0	10	334
29-2032	Diagnostic Medical Sonographers	30	30	0	0%	10	10	334
29-9010	Occupational Health and Safety Specialists and Technicians	20	20	0	0%	10	10	334

31-2022	Physical Therapist Aides	30	40	10	33%	10	10	334
33-3031	Fish and Game Wardens	30	30	0	0%	10	10	334
33-9021	Private Detectives and Investigators	30	30	0	0%	10	10	334
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	100	100	0	0%	10	10	334
37-2021	Pest Control Workers	50	50	0	0%	10	10	334
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	40	10	33%	10	10	334
39-6021	Tour Guides and Escorts	20	30	10	50%	10	10	334
39-9041	Residential Advisors	30	30	0	0%	10	10	334
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	50	0	0%	10	10	334
41-3041	Travel Agents	50	40	-10	-20%	10	10	334
41-9021	Real Estate Brokers	60	50	-10	-17%	10	10	334
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	60	50	-10	-17%	10	10	334
43-4131	Loan Interviewers and Clerks	90	70	-20	-22%	10	10	334
43-4141	New Accounts Clerks	30	40	10	33%	10	10	334
43-5021	Couriers and Messengers	50	40	-10	-20%	10	10	334
43-9031	Desktop Publishers	20	30	10	50%	10	10	334
43-9041	Insurance Claims and Policy Processing Clerks	60	60	0	0%	10	10	334
43-9071	Office Machine Operators, Except Computer	20	20	0	0%	10	10	334
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	30	30	0	0%	10	10	334
45-2091	Agricultural Equipment Operators	30	40	10	33%	10	10	334
47-2022	Stonemasons	60	60	0	0%	10	10	334
47-2041	Carpet Installers	20	20	0	0%	0	10	334
47-2081	Drywall and Ceiling Tile Installers	50	50	0	0%	10	10	334
47-2082	Tapers	30	40	10	33%	10	10	334
47-2161	Plasterers and Stucco Masons	40	40	0	0%	10	10	334
47-3016	Helpers--Roofers	20	20	0	0%	10	10	334
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	10	10	334
47-5041	Continuous Mining Machine Operators	20	20	0	0%	10	10	334
47-5042	Mine Cutting and Channeling Machine Operators	40	40	0	0%	10	10	334
47-5051	Rock Splitters, Quarry	20	20	0	0%	10	10	334
47-5061	Roof Bolters, Mining	40	30	-10	-25%	10	10	334
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	334
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	20	0	0%	10	10	334
49-3052	Motorcycle Mechanics	40	40	0	0%	10	10	334
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	20	20	0	0%	10	10	334
49-9064	Watch Repairers	20	10	-10	-50%	10	10	334
51-2021	Coil Winders, Tapers, and Finishers	20	20	0	0%	10	10	334
51-2041	Structural Metal Fabricators and Fitters	30	30	0	0%	10	10	334
51-2091	Fiberglass Laminators and Fabricators	20	30	10	50%	10	10	334
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	20	20	0	0%	10	10	334
51-3093	Food Cooking Machine Operators and Tenders	30	30	0	0%	10	10	334
51-4012	Numerical Tool and Process Control Programmers	20	20	0	0%	0	10	334
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	334
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30	30	0	0%	10	10	334
51-4194	Tool Grinders, Filers, and Sharpeners	40	30	-10	-25%	10	10	334
51-5021	Job Printers	30	30	0	0%	10	10	334
51-6021	Pressers, Textile, Garment, and Related Materials	90	70	-20	-22%	10	10	334
51-6041	Shoe and Leather Workers and Repairers	20	20	0	0%	10	10	334
51-6052	Tailors, Dressmakers, and Custom Sewers	70	60	-10	-14%	10	10	334
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20%	10	10	334
51-8021	Stationary Engineers and Boiler Operators	40	40	0	0%	10	10	334
51-8092	Gas Plant Operators	20	20	0	0%	10	10	334
51-9022	Grinding and Polishing Workers, Hand	30	30	0	0%	10	10	334
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	40	40	0	0%	10	10	334
51-9081	Dental Laboratory Technicians	30	30	0	0%	10	10	334
51-9122	Painters, Transportation Equipment	20	20	0	0%	10	10	334
51-9123	Painting, Coating, and Decorating Workers	20	20	0	0%	10	10	334
51-9131	Photographic Process Workers	30	30	0	0%	10	10	334
51-9132	Photographic Processing Machine Operators	30	30	0	0%	10	10	334
51-9191	Cementing and Gluing Machine Operators and Tenders	20	30	10	50%	10	10	334
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	0%	10	10	334
53-2012	Commercial Pilots	20	20	0	0%	0	10	334
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	40	50	10	25%	0	10	334
53-7011	Conveyor Operators and Tenders	50	50	0	0%	10	10	334
53-7021	Crane and Tower Operators	40	40	0	0%	10	10	334
53-7033	Loading Machine Operators, Underground Mining	20	10	-10	-50%	10	10	334
13-2041	Credit Analysts	20	20	0	0%	0	0	456

13-2071	Loan Counselors	20	20	0	0%	0	0	456
15-2041	Statisticians	20	20	0	0%	0	0	456
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	0	456
27-1025	Interior Designers	30	30	0	0%	0	0	456
27-2012	Producers and Directors	20	20	0	0%	0	0	456
27-3042	Technical Writers	20	20	0	0%	0	0	456
31-1013	Psychiatric Aides	20	20	0	0%	0	0	456
45-4023	Log Graders and Scalers	20	20	0	0%	0	0	456
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	30	-10	-25%	0	0	456
51-4051	Metal-Refining Furnace Operators and Tenders	20	20	0	0%	0	0	456
51-7021	Furniture Finishers	20	20	0	0%	0	0	456
51-8013	Power Plant Operators	20	20	0	0%	0	0	456
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20	10	-10	-50%	0	0	456

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.